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# MICHIGAN

## Annual Report

1976 - 1977

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UNITED STATES  
DEPARTMENT OF  
AGRICULTURE  
  
AGRICULTURAL  
STABILIZATION AND  
CONSERVATION SERVICE



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## F O R E W A R D

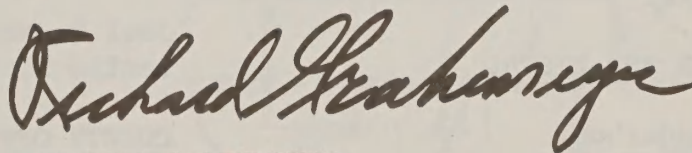
We proudly present this report in narrative and statistical form on the accomplishments of the Michigan Agricultural Stabilization and Conservation Committees in administering farm programs of the U. S. Department of Agriculture.

In its activities, the agency's primary responsibilities are to promote the national welfare and to carry out the legislative intent of the Congress. They include the improvement of the economic stability of agriculture, the maintenance of an even flow of quality products to market at reasonable prices, and the improvement and protection of our soil and water resources.

The effectiveness of farm programs administered by ASCS is dependent upon the fine job done by the State staff, county office personnel and committee members serving in each county. We hope that this report will be useful to the many persons and organizations who are interested and concerned with the progress of agriculture in Michigan.

We extend our sincere appreciation and thanks to ASC county and community committee members and county office personnel, cooperating agencies and others who have played such an important part in the successful administration of farm programs.

I am looking forward to a continued, cooperative, team effort with the hope that ASCS can help provide a better way of life for consumers and producers alike.

A handwritten signature in dark ink, reading "Richard Grabemeyer". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

RICHARD GRABEMEYER  
STATE EXECUTIVE DIRECTOR

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Stabilization and Conservation Service  
Michigan State ASCS Office  
1405 South Harrison Road  
East Lansing, Michigan 48823

- ORGANIZATION -

MICHIGAN STATE ASC COMMITTEE

1976

Robert D. Zeeb, Chairperson  
Arnold Krumnauer, Member  
William Vanderbeek, Member  
Gordon E. Guyer, Ex-Officio

1977

Vernon L. Kretzschmer, Chairperson  
Paul D. Johnson, Member  
Burton S. Griner, Member  
Gordon E. Guyer, Ex-Officio

STATE EXECUTIVE DIRECTOR

Dorn K. Diehl

Richard H. Grabemeyer

\* \* \*

PROGRAM SPECIALISTS

\* \* \*

PRODUCTION ADJUSTMENT  
FEED GRAIN, WHEAT AND TRAINING

Jerome J. Gerszewski  
Frank D. Archbold

FARM STORAGE, DRYING EQUIPMENT,  
DISASTER ACTIVITIES, LIVESTOCK  
FEED, EMERGENCY FEED, PRICE  
SUPPORT, BEEKEEPER INDEMNITY  
PAYMENT PROGRAM AND WOOL

George W. Parker

ADMINISTRATIVE AND FISCAL

W. Richard Vanderhoof  
Chester E. Wright

AGRICULTURAL CONSERVATION  
PROGRAM, FORESTRY INCENTIVES  
PROGRAM, EMERGENCY CONSERVATION  
MEASURES AND DROUGHT AND FLOOD  
CONSERVATION PROGRAM

Raymond F. Locher  
Robert L. Payne

COMPLIANCE, AERIAL PHOTOGRAPHY,  
WATER BANK PROGRAM, AND CROPLAND  
ADJUSTMENT PROGRAM

Joel R. Young  
Leslie S. Inman

COUNTY OFFICE SPECIALIST

John Mansfield

DISTRICT DIRECTORS

Milton G. Becker  
Herbert P. Heinrich

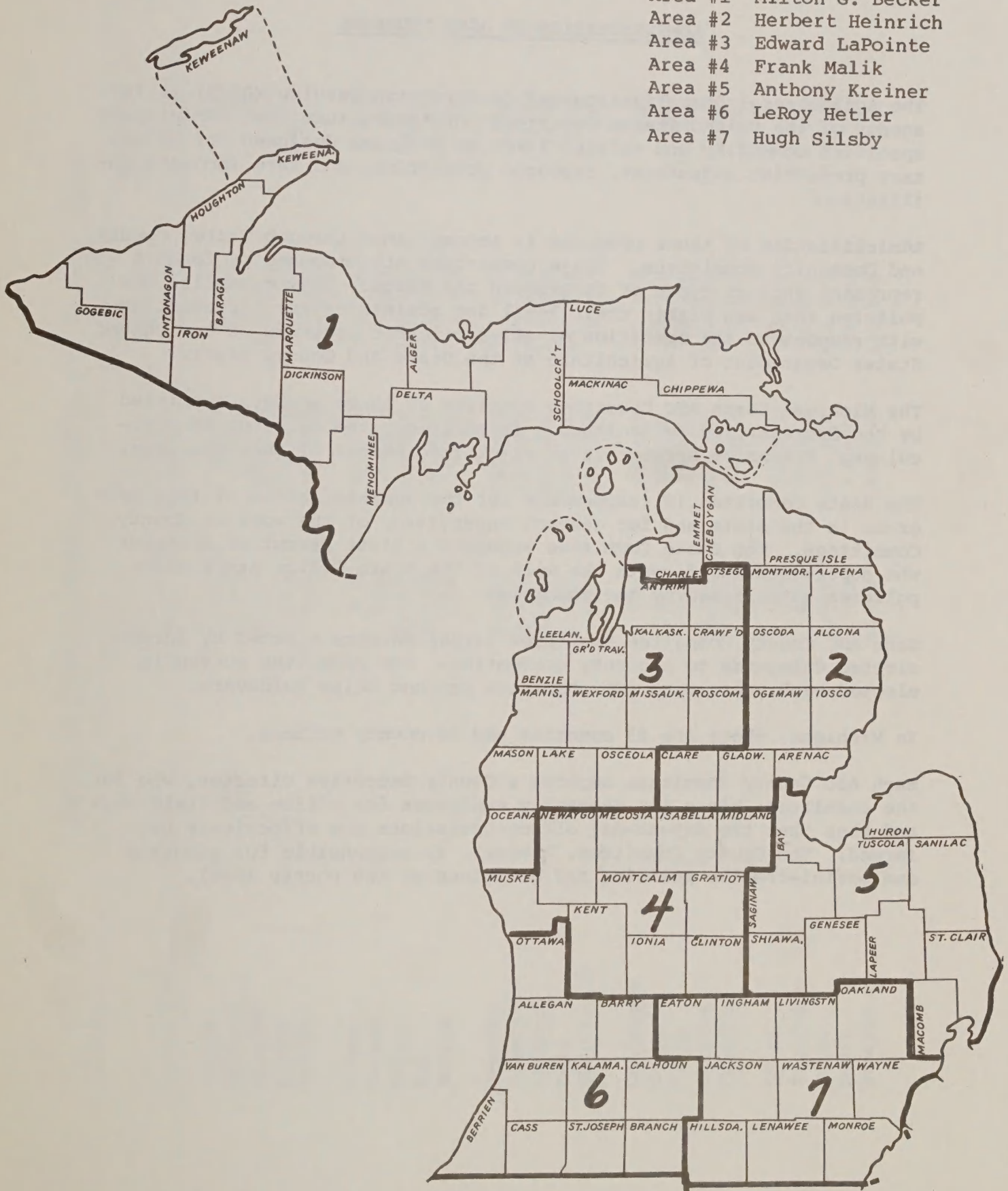
LeRoy W. Hetler  
Anthony J. Kreiner  
Edward W. LaPointe

Frank A. Malik  
Hugh W. Silsby



# DISTRICT DIRECTOR'S AREAS

Area #1 Milton G. Becker  
 Area #2 Herbert Heinrich  
 Area #3 Edward LaPointe  
 Area #4 Frank Malik  
 Area #5 Anthony Kreiner  
 Area #6 LeRoy Hetler  
 Area #7 Hugh Silsby



## ADMINISTRATION OF ASCS PROGRAMS

The Agricultural Stabilization and Conservation Service (ASCS) is the agency of the United States Department of Agriculture that administers specified commodity and related land use programs designed for voluntary production adjustment, resource protection, and farm income stabilization.

Administration of these programs is accomplished through State, County, and Community Committees. These committees are composed of farmers who represent various types of farming in the State. They establish the policies that are within their legal and administrative jurisdiction with respect to the operation of all applicable programs of the United States Department of Agriculture at the State and County level.

The Michigan State ASC Committee consists of three members appointed by the Secretary of Agriculture. In addition, the Director of Agricultural Extension Service is an ex-officio member of the committee.

The State Committee is responsible for the administration of farm programs in the State and for general supervision of the work of County Committees. The State Committee appoints a State Executive Director who supervises and directs the work of the State Office staff under policies established by the committee.

Each ASC County Committee has three farmer-members elected by farmer-elected delegates to a county convention. One committee person is elected each year, with two committee persons being holdovers.

In Michigan, there are 83 counties and 69 county offices.

Each ASC County Committee employs a County Executive Director, who for the committee, hires the necessary employees for office and field work and sees that the day-to-day office operations are effectively performed. The County Committee, however, is responsible for programs and administrative policies and decisions at the county level.

# SUMMARY OF FARMS, FARMLAND, CROPLAND, AND ELIGIBLE VOTERS

County	Total	Total	Total	Eligible	Total No.
	Number of	Acres of	Acres of	Voters in	
	Farms	Farmland	Cropland	ASCS Elections	Voting
Alcona	1,068	50,624	30,987	946	260
Alger	321	19,155	9,723	339	95
Allegan	4,367	259,515	196,308	4,480	1,191
Alpena	1,263	80,646	46,148	1,108	316
Antrim	936	53,444	29,729	879	196
Arenac	934	81,854	58,755	908	269
Baraga	568	16,633	7,699	515	175
Barry	2,245	184,667	130,608	2,319	619
Bay	2,230	166,836	144,400	2,326	661
Benzie	654	33,051	15,462	656	191
Berrien	3,666	196,077	151,821	4,066	1,124
Branch	2,141	247,539	187,009	2,695	760
Calhoun	3,216	270,564	198,370	3,740	896
Cass	2,275	196,264	144,294	2,936	1,072
Charlevoix	834	44,036	26,093	813	196
Cheboygan	780	46,527	27,176	822	162
Chippewa	924	83,530	57,965	919	208
Clare	668	75,730	45,189	837	213
Clinton	3,345	262,158	209,869	3,152	769
Crawford	157	12,803	3,131	127	41
Delta	652	91,893	42,968	660	182
Dickinson	481	39,343	18,507	481	155
Eaton	3,444	238,527	178,905	3,047	669
Emmet	863	43,907	24,400	792	200
Genesee	1,950	149,318	120,444	2,267	631

SUMMARY OF FARMS, FARMLAND, CROPLAND, AND ELIGIBLE VOTERS

County	Total Number of Farms	Total Acres of Farmland	Total Acres of Cropland	Total Acres of ASCS	Eligible Voters in Elections	Total No. Voting
Gladwin	1,200	76,461	52,211	1,331	262	
Gogebic	284	8,743	4,964	285	94	
Grand Traverse	854	64,876	42,226	859	296	
Gratiot	2,927	281,624	228,104	4,521	837	
Hillsdale	3,855	267,212	201,241	3,915	885	
Houghton	640	40,832	21,600	722	236	
Huron	3,471	410,442	348,140	4,595	1,283	
Ingham	2,439	227,488	172,041	2,632	642	
Ionia	2,609	250,863	189,610	2,741	791	
Iosco	822	57,190	30,727	891	220	
Iron	273	22,363	10,782	273	102	
Isabella	2,740	204,407	155,980	3,447	646	
Jackson	3,496	245,344	166,285	3,071	816	
Kalamazoo	2,418	170,617	126,277	2,708	643	
Kalkaska	745	12,065	7,700	744	179	
Kent	4,054	226,408	172,640	3,772	888	
Keweenaw	38	4,377	560	38	21	
Lake	430	23,429	13,235	441	130	
Lapeer	3,509	223,737	169,626	3,386	816	
Leelanau	819	70,373	39,533	871	281	
Lenawee	3,374	373,081	312,992	3,368	991	
Livingston	1,811	140,645	99,736	1,608	391	
Luce	107	11,621	4,873	129	50	
Mackinac	175	23,487	14,451	233	65	
Macomb	1,592	89,073	71,677	1,652	394	



# SUMMARY OF FARMS, FARMLAND, CROPLAND, AND ELIGIBLE VOTERS

County	Total : 
--------	---

SUMMARY OF FARMS, FARMLAND, CROPLAND, AND ELIGIBLE VOTERS

County	Total : Number of : Farms	Total : Acres of : Farmland	Total : Acres of : Cropland	Eligible : Voters in : ASCS Elections	Total No. : Voting
Sanilac	4,669	421,441	356,680	4,946	1,302
Schoolcraft	175	14,499	7,667	202	51
Shiawassee	2,995	242,140	194,526	3,629	874
Tuscola	4,572	335,408	285,077	3,859	1,108
Van Buren	3,482	212,717	154,486	3,837	986
Washtenaw	2,964	226,138	173,918	3,104	800
Wayne	1,033	37,489	30,344	801	190
Wexford	1,329	42,888	26,270	1,347	385
TOTALS	148,729	10,847,659	8,008,194	156,318	39,511

## AGRICULTURAL CONSERVATION PROGRAM

Originally, the Agricultural Conservation Program (ACP) offered payments for land use and production adjustments in addition to conservation measures. Since 1944, however, its conservation assistance has been limited to measures which farmers generally would not be likely to carry out to the needed extent without cost-share aid.

With emphasis on enduring practices, ACP is the principal channel through which the Federal Government shares with farmers and ranchers the cost of carrying out approved soil, water, woodland, and wildlife conservation practices on their land.

To strengthen the enduring practices aspect of the program, county ASC committees review with a selected number of farmers their conservation needs, looking toward what the farmers would do without cost-sharing assistance.

In departure from the past, specific practices are not included in the National program. County ASC committees, working with county program development groups, have full authority to develop each county's practices. Counties first identify their conservation needs and then develop the practices, concentrating on enduring conservation, that offer solutions. As in the past, the county programs are to be reviewed by State ASC committees.

Funds for the cost-share use in each program year are allocated to Agricultural Stabilization and Conservation (ASC) State committees on the basis of the conservation needs of the farmlands in the various States, as determined by the Secretary of Agriculture.

The ASC State committees, in turn, allot the funds to farmer-elected ASC county committees, who use them to help local farmers carry out conservation measures on their land. Farmers go to their ASCS county office and request cost-sharing for conservation work in advance of performance.

In granting requests, the county committee takes into account the need for each practice on the farm, its benefit to the public, its relative urgency, and the need for cost-sharing to carry it out.

Activity for the past five years is listed below:

Program Year	Participating Farms	Total Gross Expenditures
1973	7,910	\$ 4,433,939
1974	3,428	1,746,327
1975	5,629	2,424,415
1976	7,646	3,732,429
1977	7,699	4,245,859

1976 AGRICULTURAL CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	: Acres	:	Cost-Share
	:	Participating	:	Acres : Served	:	Assistance
Alcona		87		1,124 121	\$	30,809
Alger		25		447 30		7,598
Allegan		112		2,059 582		62,818
Alpena		125		16,129 1,555		30,267
Antrim		71		1,031 283		41,676
Arenac		59		699 1,990		29,660
Baraga		43		314 92		23,169
Barry		131		2,538 492		53,468
Bay		168		5,766 2,113		46,443
Benzie		60		1,232 20		21,127
Berrien		130		3,222 465		52,727
Branch		120		3,912 626		34,630
Calhoun		141		4,026 795		52,116
Cass		200		4,579 149		64,980
Charlevoix		39		1,254 43		22,150
Cheboygan		55		984 220		31,646
Chippewa		50		993 239		23,791
Clare		81		967 269		30,083
Clinton		141		2,908 2,456		63,872
Crawford		10		63 503		3,775
Delta		68		2,059 149		32,071
Dickinson		47		1,289 181		16,512
Eaton		96		1,564 692		78,635
Emmet		62		1,060 174		22,890
Genesee		37		298 539		34,584
Gladwin		43		366 241		20,721
Gogebic		20		129 50		7,225
Grand Traverse		145		2,902 334		44,735
Gratiot		349		5,991 1,580		115,320
Hillsdale		116		1,735 274		47,394
Houghton		88		1,022 336		55,177
Huron		91		195 2,573		96,678
Ingham		68		1,495 393		47,994
Ionia		120		2,503 496		81,975
Iosco		37		277 458		22,900
Iron		22		496 4		11,935
Isabella		138		6,978 1,339		74,467
Jackson		125		2,607 186		51,400
Kalamazoo		122		2,269 206		55,239
Kalkaska		60		1,245 816		31,082



1976 AGRICULTURAL CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	Acres	:	Cost-Share
	:	Participating	:	Acres : Served	:	Assistance
Kent	215	5,019	294	\$	89,627	
Keweenaw	3	0	83		1,623	
Lake	50	478	1,222		19,619	
Lapeer	92	792	1,624		81,022	
Leelanau	95	970	851		32,725	
Lenawee	111	2,238	1,903		93,814	
Livingston	63	1,185	437		47,050	
Luce	6	285	5		4,628	
Mackinac	22	300	139		15,924	
Macomb	26	150	371		20,708	
Manistee	104	1,415	339		48,712	
Marquette	22	412	0		7,960	
Mason	141	656	1,103		55,392	
Mecosta	144	1,361	126		36,280	
Menominee	106	1,794	883		62,587	
Midland	56	249	2,525		33,303	
Missaukee	140	2,399	5		41,755	
Monroe	99	2,196	1,690		66,897	
Montcalm	249	4,700	1,468		94,518	
Montmorency	32	503	3,279		14,163	
Muskegon	56	796	270		25,351	
Newaygo	148	1,843	956		52,034	
Oakland	33	506	286		23,408	
Oceana	195	4,037	945		65,030	
Ogemaw	48	655	505		23,113	
Ontonagon	48	843	293		20,514	
Osceola	159	2,110	1,544		56,064	
Oscoda	14	223	86		13,353	
Otsego	50	1,065	5		24,619	
Ottawa	152	2,565	736		64,777	
Presque Isle	84	2,469	361		33,920	
Roscommon	9	31	630		4,925	
Saginaw	147	1,347	4,706		98,147	
St. Clair	52	485	536		47,311	
St. Joseph	115	3,221	64		40,612	
Sanilac	102	1,075	2,137		75,334	
Schoolcraft	21	543	4		14,181	
Shiawassee	121	2,384	2,207		73,722	
Tuscola	292	9,501	895		83,055	
Van Buren	129	4,197	186		56,939	

1976 AGRICULTURAL CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	Acres	:	Cost-Share
	:	Participating	:	Acres : Served	:	Assistance
Washtenaw		49		259 713	\$	47,292
Wayne		13		172 97		5,512
Wexford		125		1,753 893		34,523
STATE TOTALS		7,640		159,909 61,466	\$	3,527,782

1976 EMERGENCY CONSERVATION MEASURES

Clinton	2	-	-	\$	841
Ingham	1	-	-		158
Ionia	11	-	-		6,971
Kent	39	-	-		35,917
Mason	7	-	-		12,111
Mecosta	4	-	-		10,228
Montcalm	7	-	-		2,314
Muskegon	14	-	-		41,042
Newaygo	24	-	-		12,706
Oceana	57	-	-		53,335
Ottawa	9	-	-		7,051
Saginaw	5	-	-		15,997
St. Clair	2	-	-		3,788
Tuscola	2	-	-		3,000
STATE TOTALS	184	-	-	\$	205,459

1977 AGRICULTURAL CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	:	Acres	Cost-Share
	:	Participating	:	Acres	Served	Assistance
Alcona	89	1,245	368	\$		44,483
Alger	33	531	147			15,714
Allegan	108	2,097	412			70,497
Alpena	84	1,059	889			41,882
Antrim	69	793	314			46,098
Arenac	78	1,051	1,659			44,784
Baraga	54	683	80			26,262
Barry	141	2,551	143			51,062
Bay	284	8,652	2,665			80,371
Benzie	51	943	136			22,746
Berrien	144	3,695	574			80,133
Branch	115	3,212	432			42,187
Calhoun	142	2,963	375			72,859
Cass	212	6,039	219			79,678
Charlevoix	36	405	90			22,062
Cheboygan	65	1,560	620			24,437
Chippewa	66	2,080	414			44,617
Clare	102	888	342			31,970
Clinton	176	2,993	2,067			118,360
Crawford	12	69	90			3,923
Delta	62	1,597	168			35,749
Dickinson	62	1,425	114			23,908
Eaton	78	1,351	602			67,857
Emmet	71	1,359	90			23,836
Genesee	32	663	125			21,811
Gladwin	56	330	2,175			9,474
Gogebic	21	183	25			5,264
Grand Traverse	145	3,292	163			56,847
Gratiot	400	10,589	1,308			130,299
Hillsdale	129	1,294	653			79,361
Houghton	98	1,354	411			58,211
Huron	87	374	3,701			91,229
Ingham	101	1,855	376			48,132
Ionia	150	2,545	2,364			88,987
Iosco	51	595	381			25,462
Iron	23	501	10			10,480
Isabella	144	1,662	1,063			91,753
Jackson	133	2,444	700			65,551
Kalamazoo	122	3,510	192			70,679
Kalkaska	51	1,552	81			39,311

1977 AGRICULTURAL CONSERVATION PROGRAM

County	:	Number of Farms Participating	:	Extent		:	Total	
				:	Acres		:	Cost-Share
								Acres
Kent		165		3,188	1,653	\$	107,922	
Keweenaw		6		0	116		7,739	
Lake		58		655	480		21,805	
Lapeer		92		898	769		81,727	
Leelanau		103		1,276	801		43,749	
Lenawee		118		3,352	942		105,649	
Livingston		68		1,170	716		42,321	
Luce		6		177	0		5,105	
Mackinac		19		424	271		18,475	
Macomb		25		138	321		19,093	
Manistee		116		3,471	262		306	
Marquette		22		568	227		13,013	
Mason		105		478	1,298		60,609	
Mecosta		151		3,096	2,505		67,794	
Menominee		125		2,323	1,032		66,647	
Midland		120		1,710	5,237		58,178	
Missaukee		130		2,388	186		64,488	
Monroe		100		1,031	2,101		91,522	
Montcalm		173		3,007	1,588		89,657	
Montmorency		34		647	753		20,947	
Muskegon		52		632	298		37,948	
Newaygo		115		1,130	750		46,646	
Oakland		33		524	109		18,194	
Oceana		189		3,430	2,183		88,323	
Ogemaw		58		502	581		39,061	
Ontonagon		32		912	141		20,435	
Osceola		183		2,314	1,579		70,319	
Oscoda		12		216	85		12,984	
Otsego		49		826	15		26,248	
Ottawa		157		2,773	868		71,193	
Presque Isle		86		2,294	351		39,933	
Roscommon		15		95	39		5,045	
Saginaw		62		1,597	967		23,195	
St. Clair		51		527	928		58,642	
St. Joseph		111		3,146	277		66,440	
Sanilac		97		303	1,590		76,723	
Schoolcraft		13		469	0		12,489	
Shiawassee		197		6,455	1,714		84,959	
Tuscola		51		1,074	277		28,323	
Van Buren		138		4,349	295		73,625	



1977 AGRICULTURAL CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	Acres	:	Cost-Share
	:	Participating	:	Served	:	Assistance
Washtenaw		39		596		214
Wayne		16		408		33
Wexford		130		1,692		615
STATE TOTALS		7,699		148,245		61,905
					\$	3,968,766

1977 EMERGENCY CONSERVATION MEASURES

Eaton	15	-	-	\$	42,616
Kalamazoo	5	-	-		2,334
STATE TOTALS	20	-	-	\$	44,950

# 1977 DROUGHT AND FLOOD CONSERVATION PROGRAM

On May 3, 1977, a supplemental drought appropriation bill was signed by President Carter. The purpose of this bill was to implement a special emergency agricultural conservation program in designated drought and flood damaged areas in the United States. The program assistance consists of cost-sharing with eligible landowners for practices designed to alleviate the effects of drought or flood on agricultural resources. This program was administered by the Agricultural Stabilization and Conservation Service through the farmer-elected committee system.

Michigan suffered severe drought conditions to agricultural lands during the latter part of 1976 and 1977. Sixty counties were designated under DFCP. Cost-share assistance of up to 80 percent was approved for eligible practices. Practices providing an immediate impact to reduce wind erosion damage and to extend limited supplies of agricultural water were applied to the land. The Soil Conservation Service assisted in program operations by providing technical assistance as necessary for various practices.

County	:	Number of Farms	:	Extent		:	Total
				Acres	Served		Cost-Share Assistance
Alcona	:	48	:	1,151	190	:	\$ 25,008
Alger	:	32	:	1,546	117	:	29,274
Allegan	:	112	:	2,039	841	:	114,694
Alpena	:	77	:	1,786	1,198	:	51,603
Antrim	:	97	:	2,757	372	:	81,506
Arenac	:	52	:	1,580	1,352	:	60,347
Baraga	:	28	:	640	302	:	35,038
Bay	:	22	:	0	2,122	:	35,785
Benzie	:	40	:	595	285	:	38,548
Branch	:	11	:	60	1,015	:	23,886
Cass	:	34	:	1,095	33	:	7,072
Charlevoix	:	75	:	5,479	428	:	48,572
Cheboygan	:	31	:	255	712	:	21,228
Chippewa	:	50	:	2,811	2,250	:	47,129
Clare	:	37	:	334	541	:	15,034
Clinton	:	302	:	17,663	624	:	180,849
Crawford	:	1	:	12	0	:	363
Delta	:	49	:	1,878	987	:	66,636
Dickinson	:	30	:	342	1,035	:	41,452
Emmet	:	87	:	388	2,273	:	48,435
Gladwin	:	44	:	396	1,587	:	28,727
Gogebic	:	20	:	273	85	:	14,429
Grand Traverse	:	179	:	4,198	1,253	:	124,839
Gratiot	:	25	:	454	280	:	9,400
Houghton	:	49	:	743	733	:	45,933

1977 DROUGHT AND FLOOD CONSERVATION PROGRAM

County	:	:	Extent		:	Total
	:	Number of Farms	:	:	Acres	Cost-Share
	:	Participating	:	Acres	Served	Assistance
Ingham		36		665	35	\$ 31,960
Iosco		33		435	504	17,656
Iron		23		460	590	36,065
Isabella		275		12,644	343	231,367
Jackson		18		270	0	14,705
Kalkaska		27		406	880	29,128
Kent		118		2,429	128	116,501
Lake		9		137	240	3,848
Leelanau		142		3,435	946	133,530
Lenawee		12		222	0	7,976
Luce		6		592	0	10,757
Mackinac		8		512	0	8,903
Manistee		94		861	2,164	146,844
Marquette		37		1,530	247	35,962
Mason		78		657	732	128,723
Mecosta		141		4,138	0	151,425
Menominee		107		4,316	515	78,809
Missaukee		227		7,988	1,260	147,255
Monroe		2		0	138	4,229
Montcalm		143		4,706	2,457	112,781
Montmorency		13		306	161	9,554
Muskegon		96		2,669	1,064	114,133
Newaygo		48		993	377	22,901
Oceana		136		38,928	2,642	106,554
Ogemaw		26		315	510	16,959
Ontonagon		59		2,112	250	64,253
Osceola		66		1,251	725	28,245
Oscoda		9		139	0	4,510
Otsego		47		1,362	994	33,743
Ottawa		113		1,673	1,475	154,399
Presque Isle		43		417	1,490	34,752
Roscommon		8		92	40	4,400
Schoolcraft		14		346	382	17,769
Shiawassee		62		2,526	170	58,918
Wexford		83		2,381	966	40,646
STATE TOTALS		3,891		150,388	43,040	\$ 3,355,947

### FORESTRY INCENTIVES PROGRAM (FIP)

The Forestry Incentives Program (FIP) is aimed at improving the Nation's timber production by stimulating better forest management practices on the vast acreage of small private timber ownership tracts. The program was funded at the \$15 million level authorized by Congress for 1976 and 1977.

FIP is available in most States in specifically designated counties with high resource potential for increased timber production. Both annual and long-term agreements are offered to eligible owners of non-industrial private forest land. Federal cost-sharing under these agreements range from 50 to 75 percent of the cost of carrying out tree planting and timber stand improvement practices. All FIP agreements are based on forest management plans developed by the local forester in cooperation with the landowner. FIP is administered by the Agricultural Stabilization and Conservation Service through its farmer-elected committee system. The Forest Service, in conjunction with State and District Foresters, provide technical assistance in developing forest management plans and servicing practices.

Program Year	Number of Participants	Total Gross Expenditures
1975	45	\$ 99,155
1976	594	230,297
1977	358	190,105



FORESTRY INCENTIVES PROGRAM  
AS OF SEPTEMBER 30, 1976

County	: Basic	: Total	: Total	: Long Term Agreements	
	:Allocation:	Cost-Shares	Cost-Shares	Number of	Amount
	:To County	: Approved	: Earned	: Agreements	: Approved
Alcona	\$ 791	\$ 476	\$ 476	-	\$ -
Alger	2,389	2,523	1,238	1	82
Allegan	5,937	2,468	1,955	-	-
Alpena	1,167	1,166	720	-	-
Antrim	6,443	6,443	4,460	1	846
Arenac	431	431	431	-	-
Baraga	40,871	31,447	22,704	4	9,206
Barry	4,262	2,779	1,208	1	572
Benzie	7,838	7,522	4,353	-	-
Berrien	1,185	1,185	1,185	-	-
Branch	2,084	375	0	-	-
Calhoun	3,018	1,635	1,425	-	-
Cass	5,785	3,998	2,703	1	684
Charlevoix	16,575	15,655	10,262	-	-
Cheboygan	7,000	5,764	3,268	-	-
Chippewa	16,096	16,096	14,973	6	1,928
Clare	678	392	392	-	-
Clinton	5,121	4,708	1,023	2	1,530
Crawford	1,176	498	148	-	-
Delta	2,281	1,832	1,375	-	-
Dickinson	6,292	3,466	1,814	-	-
Eaton	1,449	1,324	429	1	510
Emmet	29,665	24,990	13,448	3	3,884
Gladwin	1,660	1,057	946	1	500
Gogebic	2,984	1,863	776	2	948
Grand Traverse	9,355	9,967	4,719	1	2,645
Gratiot	2,769	2,099	2,324	-	-
Hillsdale	7,478	5,304	3,015	4	3,639
Houghton	12,192	11,020	3,589	2	4,250
Ingham	10,986	4,679	653	2	1,191
Ionia	1,251	319	0	-	-
Iosco	1,376	1,028	662	-	-
Iron	15,435	11,553	10,007	-	-
Isabella	2,652	962	736	1	463
Jackson	4,004	2,427	1,487	-	-
Kalamazoo	1,413	698	182	-	-
Kalkaska	15,194	12,541	8,018	-	-
Kent	3,235	2,664	1,168	1	1,033
Lake	5,930	5,757	4,431	-	-
Lapeer	8,372	4,683	3,594	-	-
Leelanau	15,352	13,940	5,916	-	-
Lenawee	300	0	0	-	-

FORESTRY INCENTIVES PROGRAM  
AS OF SEPTEMBER 30, 1976

County	: Basic :Allocation :To County	: Total :Cost-Shares : Approved	: Total : Cost-Shares : Earned	: Long Term Agreements : Number of : Agreements	: Amount : Approved
Livingston	\$ 3,522	\$ 2,534	\$ 1,894	-	\$ -
Luce	3,833	2,794	711	2	1,054
Mackinac	7,505	7,182	4,477	1	396
Manistee	17,399	13,196	4,740	-	-
Marquette	7,086	3,781	2,608	-	-
Mason	2,365	2,365	1,532	-	-
Mecosta	3,448	2,463	1,669	-	-
Menominee	4,870	4,963	2,719	-	-
Midland	369	369	246	1	369
Missaukee	6,783	2,144	1,438	-	-
Montcalm	2,881	873	711	-	-
Montmorency	1,527	1,527	873	-	-
Muskegon	1,603	605	254	1	324
Newaygo	1,797	1,614	990	-	-
Oakland	2,373	1,231	148	-	-
Oceana	5,990	6,999	4,432	-	-
Ogemaw	2,233	1,742	882	-	-
Ontonagon	6,369	4,292	1,098	-	-
Osceola	10,629	9,791	9,444	-	-
Oscoda	2,979	1,282	611	-	-
Otsego	18,090	12,291	6,614	7	25,623
Ottawa	1,763	2,103	424	1	765
Presque Isle	5,336	3,573	2,936	-	-
Roscommon	3,400	1,137	636	-	-
St. Clair	2,436	2,348	1,659	-	-
St. Joseph	2,413	1,313	249	2	7,652
Sanilac	3,139	724	716	-	-
Schoolcraft	8,941	6,915	2,901	1	4,914
Tuscola	4,644	3,075	2,304	-	-
Van Buren	3,103	2,509	250	-	-
Washtenaw	2,982	169	0	-	-
Wexford	43,813	24,436	11,146	7	14,738
STATE TOTALS	\$ 486,093	\$ 362,074	\$ 213,525	57	\$ 89,746

FORESTRY INCENTIVES PROGRAM  
AS OF SEPTEMBER 30, 1977

County	: Basic :		: Total :		: Total :		: Long Term Agreements	
	:Allocation:		Cost-Shares :		Cost-Shares :		Number of :	
	:To County :		Approved :		Earned :		Agreements :	
							Approved	Amount
Alcona	\$	1,394	\$	1,433	\$	669	-	\$ -
Alger		2,651		2,419		1,187	-	-
Allegan		3,982		3,424		362	-	-
Alpena		3,356		3,570		3,320	-	-
Antrim		4,276		5,705		1,845	-	-
Baraga		37,726		29,850		15,064	-	-
Barry		8,404		8,580		2,433	1	1,428
Benzie		12,485		10,874		5,137	-	-
Berrien		2,653		2,653		0	-	-
Branch		2,084		1,651		375	-	-
Calhoun		1,593		462		462	-	-
Cass		3,082		2,387		1,137	-	-
Charlevoix		11,125		11,916		10,084	-	-
Cheboygan		3,732		2,535		1,389	-	-
Chippewa		33,547		33,772		19,104	-	-
Clare		1,376		1,431		931	-	-
Clinton		9,098		8,756		1,982	-	-
Crawford		1,581		538		315	-	-
Delta		906		951		838	-	-
Dickinson		6,728		6,503		2,706	-	-
Eaton		1,020		893		300	-	-
Emmet		27,734		21,100		4,702	5	5,596
Gladwin		3,743		3,743		3,275	-	-
Gogebic		2,556		912		512	-	-
Grand Traverse		15,986		16,201		11,709	-	-
Gratiot		3,945		4,185		1,600	-	-
Hillsdale		5,463		4,720		398	-	-
Houghton		15,731		15,529		4,579	1	944
Ingham		10,333		4,147		1,486	-	-
Ionia		1,251		596		469	-	-
Iosco		2,235		2,235		2,235	-	-
Iron		18,593		14,322		6,007	-	-
Isabella		1,916		701		698	-	-
Jackson		3,327		3,685		2,860	-	-
Kalamazoo		1,231		473		473	-	-
Kalkaska		8,423		8,564		4,720	-	-
Kent		2,067		897		247	-	-
Lake		5,282		7,326		3,540	-	-
Lapeer		4,778		4,391		1,085	-	-
Leelanau		22,281		17,017		6,149	-	-
Livingston		3,170		3,170		1,220	-	-

FORESTRY INCENTIVES PROGRAM  
AS OF SEPTEMBER 30, 1977

County	: Basic :Allocation: :To County	: Total : Cost-Shares : Approved	: Total : Cost-Shares : Earned	: Long Term Agreements : Number of : Agreements	: Amount : Approved
Luce	\$ 3,122	\$ 1,426	\$ 412	-	\$ -
Mackinac	3,028	3,950	0	-	-
Manistee	18,159	15,539	5,002	-	-
Marquette	11,478	7,391	3,777	-	-
Mason	2,593	2,093	2,093	-	-
Mecosta	2,449	2,190	1,485	-	-
Menominee	3,972	4,077	1,767	-	-
Midland	123	123	123	-	-
Missaukee	10,043	5,928	3,351	-	-
Montcalm	2,170	421	0	-	-
Montmorency	2,976	3,741	947	-	-
Muskegon	1,349	369	0	-	-
Newaygo	5,265	3,914	2,036	-	-
Oakland	2,225	1,822	263	-	-
Oceana	5,998	6,266	2,937	-	-
Ogemaw	2,908	2,908	2,048	-	-
Ontonagon	6,471	4,937	1,511	-	-
Osceola	4,558	5,020	3,272	-	-
Oscoda	2,368	1,161	791	-	-
Otsego	35,110	30,853	11,440	1	5,156
Ottawa	1,339	1,157	700	-	-
Presque Isle	2,400	1,755	1,594	-	-
Roscommon	2,764	650	149	-	-
St. Clair	777	433	161	-	-
St. Joseph	13,348	1,683	880	-	-
Schoolcraft	7,540	7,177	1,757	-	-
Tuscola	2,340	300	0	-	-
Van Buren	5,213	5,700	863	-	-
Washtenaw	169	169	169	-	-
Wexford	42,422	37,687	10,782	3	10,555
STATE TOTALS	\$517,521	\$ 435,057	\$ 187,914	11	\$ 23,679

## COMPLIANCE AND AERIAL PHOTOGRAPHY

The Compliance and Aerial Photography Division is responsible for obtaining acreage determinations and checking compliance of farmers under various ASCS farm programs. Compliance is determined in two ways: One method is called producer certification; the other method is an on-farm inspection and measurement by farm reporters.

The certification method consists of farmers visiting the county office and certifying program acreages and land uses. Photocopies are used in certifying compliance. They are exact reproductions of aerial photo enlargements on file in the county office.

During 1976 and 1977, photography was used to check the farmers that had filed a claim for low yield due to disaster and for making spot-checks of those farms that had certified the current land use for history purposes, spot-checking of ACP practices, premeasurement and acreage determinations for disaster crops.

For the first time, in 1977, Michigan used the aerial observation method to complete some of the quality control checks of farmers' certifications. A total of approximately 500 farms in twelve counties were checked by air. This method proved to be much cheaper and faster than any other method and will be used extensively in the future.

If the producer wishes to know the exact acreage of a given area, he may obtain this information by requesting measurement service. This service is provided by the county ASCS office at a nominal charge.

Aerial photographs for any given area in Michigan may be purchased by the public through the State or County ASCS office.

Following is a complete breakdown of the compliance requirements for 1976 and 1977:

### SUMMARY OF 1976 COMPLIANCE ACTIVITY

1	Total number of farm visits to verify the certification of acreages:	2,426
2	Number of ACP spot-checks:	864
3	Number of vendor spot-checks:	55
4	Number of spot-checks for land under retirement (CAP and WBP)	508



SUMMARY OF 1976 COMPLIANCE ACTIVITY (CONTINUED)

5	Number of paid farm visits for producer services:	226
6	Number of farm visits to measure disaster production (stored wheat, feed grains and/or silage):	559
7	Number of spot-check reports on file for:	
	A Reporters	317
	B Appraisers	56

SUMMARY OF 1977 COMPLIANCE ACTIVITY

1	Number of certification of acreages filed with program crops reported planted:	72,500
2	Number of farms on which quality control check completed:	5,020
3	Number of discrepancies found on Item 2 above:	164
4	Number of ACP spot-checks on file:	576
5	Number of DFCP spot-checks on file:	350
6	Number of vendor spot-checks on file:	16
7	Number of WBP spot-checks on file:	12
8	Number of paid farm visits for producer services:	363
9	Number of farm visits to measure disaster production:	550
10	Number of spot-checks on file for:	
	A Reporters	199
	B Appraisers	154

## 1976 CROPLAND ADJUSTMENT PROGRAM

The Cropland Adjustment Program of 1976 marked the last year of a twenty year period wherein a program was offered that provided an agreement to retire entire farms from production.

The initial program was known as the Soil Bank Program, passed by Congress in May of 1956. This was a two-part program. The Soil Bank provided a ten-year agreement to retire whole farms from production and the part known as the Acreage Reserve applied only to allotment and base crops and was a year-to-year program. The Acreage Reserve was discontinued as of January 1, 1959. Land retirement continued under the Soil Bank Program through 1966.

In 1967, a new program was announced, known as the Cropland Adjustment Program, which authorized the Secretary of Agriculture to enter into agreements with farmers to divert cropland normally used for the production of feed grains, allotment crops and nonallotment crops to conserving and recreational use.

These agreements were written for five or ten years, at the option of the farm owner. Annual adjustment payments were made for the acreage placed under agreement. Cost-share payments were made for approved conservation or recreational practices.

For the last three years of the Cropland Adjustment Program, land-owners with valid agreements were offered a supplemental agreement known as public access which allowed the public to hunt or fish on his property. The owner was paid, under these agreements, 50¢ to \$2.50 per acre, depending on the type of cover or water resource.

Harvesting hay and grazing the designated acreage under agreement was authorized by the Secretary of Agriculture in 1976, because of a severe shortage of forage due to prolonged drought. Persons benefiting from such harvesting or grazing refunded, or had withheld from their payments, amounts equal to the value of the crop, as determined by their local county committee.

A summary of the final year of the Cropland Adjustment Program and the haying and grazing privilege is shown on the following pages.

1976 CROPLAND ADJUSTMENT PROGRAM

County	REGULAR AGREEMENTS				PUBLIC ACCESS AGREEMENTS							
	Number		Acres		Number		Acres		CAP		Total	
	In	Effect	Diverted	Payments	In	Effect	Open to	Public	Cost-Share	Payments	Payments	In 1976
	Effect	Effect	Effect	Effect	Effect	Effect	Effect	Effect	Effect	Effect	Effect	Effect
Alcona	8	473.0	\$ 3,446.30	5	364.0	\$ 601.90	\$	0	\$ 4,048.20			
Alger	4	201.4	1,185.81	2	139.3	139.30		0	1,325.11			
Allegan	37	1209.0	23,337.00	16	554.0	1,385.00		0	24,722.00			
Alpena	9	603.1	4,673.17	2	104.3	188.10		0	4,861.27			
Antrim	11	599.0	6,483.00	2	197.0	483.00		0	6,966.00			
Arenac	12	583.4	9,639.11	12	583.4	750.05		0	10,389.16			
Baraga	2	48.5	310.75	2	48.5	85.00		0	395.75			
Barry	17	1158.3	31,932.82	4	317.0	318.15		0	32,250.97			
Bay	4	134.6	1,763.70	1	58.3	145.75		0	1,909.45			
Benzie	6	159.4	1,866.36	2	26.0	39.00		0	1,905.36			
Berrien	26	695.9	22,059.28	10	207.1	653.25		0	22,712.53			
Branch	14	795.0	24,570.46	10	626.1	1,361.00		31.87	25,963.33			
Calhoun	29	1246.6	33,383.47	7	269.1	646.60		0	34,030.07			
Cass	4	138.8	4,860.54	0	0	0		0	4,860.54			
Charlevoix	5	219.9	2,567.87	4	179.6	47.00		0	2,614.87			
Cheboygan	2	106.9	754.22	0	0	0		0	754.22			
Chippewa	28	2193.0	13,831.36	17	1246.3	1,246.30		0	15,077.66			
Clare	13	549.1	10,430.90	8	313.0	782.55		0	11,213.45			
Clinton	10	475.8	10,109.61	6	335.7	825.25		0	10,934.86			
Delta	4	222.2	1,424.89	2	88.9	266.70		0	1,691.59			
Dickinson	5	280.6	1,797.63	2	109.0	135.30		0	1,932.93			
Eaton	24	807.1	26,210.36	2	83.4	208.50		0	26,418.86			
Emmet	4	237.5	2,679.74	3	223.0	383.00		0	3,062.74			
Genesee	9	392.3	12,108.92	0	0	0		0	12,108.92			
Gladwin	7	364.9	7,066.34	4	300.9	791.95		0	7,858.29			

1976 CROPLAND ADJUSTMENT PROGRAM

County	REGULAR AGREEMENTS					PUBLIC ACCESS AGREEMENTS							
	Number	Acres	Diverted	Payments	Effect	Number	Acres	Open to	Public	Payments	Cost-Share	Payments	Total
	In	Effect	Effect	Effect	Effect	In	Effect	Effect	Effect	Effect	Effect	Effect	Effect
Gogebic	4	94.6	\$	436.02	3	76.1	\$	173.20	\$	0	\$	609.22	
Grand Traverse	20	854.0		11,834.33	15	687.2		599.40		0		12,433.73	
Gratiot	19	910.0		28,089.90	3	158.0		394.00		0		28,483.90	
Hillsdale	9	500.3		15,809.68	1	57.0		26.40		0		15,836.08	
Houghton	4	247.8		1,417.23	2	67.4		131.80		0		1,549.03	
Huron	3	92.2		2,456.65	1	32.6		81.50		0		2,538.15	
Ingham	12	502.2		15,511.97	6	142.0		486.76		0		15,998.73	
Ionia	20	770.1		20,862.28	12	521.8		860.25		0		21,722.53	
Iosco	9	472.6		4,449.94	5	190.7		361.75		0		4,811.69	
Iron	2	97.0		686.70	1	74.0		222.00		0		908.70	
Isabella	36	1962.9		36,145.95	18	1021.5		2,666.20		0		38,812.15	
Jackson	25	880.0		20,105.32	4	143.7		153.00		0		20,258.32	
Kalamazoo	9	494.4		13,590.93	5	297.2		775.00		85.00		14,450.93	
Kalkaska	26	1761.7		25,859.40	19	1402.0		2,026.70		0		27,886.10	
Kent	27	972.7		14,104.53	16	621.0		1,107.20		0		15,211.73	
Lake	4	219.9		2,422.01	3	117.3		351.90		0		2,773.91	
Lapeer	11	407.7		8,652.20	2	136.4		362.30		0		9,014.50	
Leelanau	4	524.8		9,193.62	3	484.1		846.25		0		10,039.87	
Lenawee	3	136.0		7,205.00	1	30.0		75.00		0		7,280.00	
Livingston	10	343.2		7,716.46	1	27.4		151.00		0		7,867.46	
Mackinac	6	425.1		2,855.29	3	211.0		211.00		0		3,066.29	
Macomb	4	110.4		1,799.83	1	17.0		42.50		0		1,842.33	
Manistee	20	486.0		6,960.13	7	271.6		479.00		0		7,439.13	
Marquette	1	190.5		1,135.80	1	166.9		500.70		0		1,636.50	
Mason	36	1157.4		13,689.17	18	683.3		1,630.10		0		15,319.27	

1976 CROPLAND ADJUSTMENT PROGRAM

County	REGULAR AGREEMENTS				PUBLIC ACCESS AGREEMENTS				CAP		Total
	Number	Acres	Diverted	Payments	Number	Acres	Open to	Payments	Cost-Share	Payments	
	In				In	Public					
	Effect				Effect					In 1976	
Mecosta	39	2414.2	\$ 35,344.52		39	2414.2	\$ 5,607.90	\$	0	\$40,952.42	
Menominee	3	119.9	611.49		1	23.0	46.00		0	657.49	
Midland	6	228.7	3,717.38		6	228.7	471.40		0	4,188.78	
Missaukee	6	243.3	3,142.45		4	146.2	277.90		0	3,420.35	
Monroe	3	109.6	5,001.40		1	8.8	22.00		0	5,023.40	
Montcalm	43	1926.0	37,779.00		27	1521.0	3,318.00		0	41,097.00	
Muskegan	9	467.0	14,501.39		6	355.0	795.15	28.50		15,325.04	
Newaygo	11	410.4	10,072.86		8	384.6	686.35		0	10,759.21	
Oakland	16	548.7	10,985.56		5	184.0	389.60		0	11,375.16	
Oceana	6	267.4	5,983.44		5	243.4	526.10		0	6,509.54	
Ogemaw	4	163.6	2,628.19		2	78.1	141.40		0	2,769.59	
Ontonagon	10	580.8	3,067.47		9	558.8	1,020.75		0	4,088.22	
Osceola	3	95.9	1,236.31		2	86.9	134.00		0	1,370.31	
Oscoda	2	192.5	2,152.36		2	161.8	242.70		0	2,395.06	
Otsego	3	150.2	919.00		0	0	0		0	919.00	
Ottawa	25	551.4	13,295.01		10	216.8	430.40		0	13,725.41	
Presque Isle	7	169.1	2,030.45		0	0	0		0	2,030.45	
Saginaw	1	38.7	1,074.37		1	38.7	96.75		0	1,171.12	
St. Clair	24	937.4	16,994.16		11	338.1	740.45		0	17,734.61	
St. Joseph	4	608.3	25,188.70		0	0	0		0	25,188.70	
Sanilac	4	225.0	9,024.09		1	28.0	70.00		0	9,094.09	
Schoolcraft	4	198.7	1,127.38		2	108.2	26.00		0	1,153.38	
Shiawassee	18	720.6	24,643.84		4	238.6	646.50		0	25,290.34	
Tuscola	4	86.3	1,460.10		1	8.1	20.25		0	1,480.35	
Van Buren	17	679.0	23,016.00		10	426.0	1,044.00		0	24,060.00	



1976 CROPLAND ADJUSTMENT PROGRAM

County	REGULAR AGREEMENTS				PUBLIC ACCESS AGREEMENTS								
	Number	:	:	:	Number	:	Acres	:	:	CAP	:	Total	
	In	:	Acres	:	In	:	Open to	:	:	Cost-Share	:	Payments	
	Effect	:	Diverted	:	Effect	:	Public	:	Payments	:	Payments	:	In 1976
Washtenaw	3		158.9	\$	4,588.02	1	62.5	\$	156.25	\$	0	\$	4,744.27
Wayne	2		17.4		356.78	0	0		0		0		356.78
Wexford	16		571.0		6,320.00	5	224.0		417.00		0		6,737.00
STATE TOTALS	911		41,388.8	\$	797,745.67	437	22,094.6	\$	43,524.41	\$	145.37	\$	\$841,415.45

# 1976 CROPLAND ADJUSTMENT PROGRAM

## HAYING AND GRAZING PRIVILEGE

County	REGULAR AGREEMENTS		PUBLIC ACCESS AGREEMENTS	
	Acres Released	Payments Refunded or Withheld	Acres Released	Payments Refunded or Withheld
Alger	25.1	\$ 22.59	0	\$ 0
Allegan	132.9	433.07	21.6	54.00
Antrim	93.9	171.74	0	0
Arenac	60.8	190.80	56.8	141.30
Barry	532.9	1,911.16	0	0
Benzie	26.0	70.72	26.0	39.00
Berrien	56.0	119.42	0	0
Branch	114.0	845.88	114.0	285.00
Calhoun	74.8	370.79	0	0
Charlevoix	196.4	500.67	156.1	312.20
Cheboygan	26.7	60.34	0	0
Chippewa	213.6	238.00	488.7	488.70
Clare	149.4	399.94	149.4	335.10
Clinton	19.9	53.53	19.9	49.75
Dickinson	63.9	83.49	63.9	191.70
Emmet	46.0	79.36	46.0	63.00
Genesee	20.3	51.05	0	0
Gladwin	34.0	85.00	0	0
Grand Traverse	389.9	1,020.67	353.9	582.55
Gratiot	327.0	1,812.00	217.0	530.00
Hillsdale	71.3	416.57	43.8	87.60
Houghton	76.3	49.57	40.7	40.70
Ingham	121.6	802.56	121.6	304.00
Ionia	80.6	190.78	80.6	199.50
Isabella	269.8	1,172.89	45.7	114.25
Jackson	47.5	219.52	62.8	227.74
Kalkaska	29.0	84.10	0	0
Kent	90.2	375.50	83.7	191.50
Lapeer	4.0	7.04	4.0	12.00
Leelanau	10.0	21.00	10.0	20.00
Livingston	13.6	86.36	13.6	34.00
Mackinac	13.5	90.41	0	0
Marquette	8.0	7.20	23.6	70.80
Mason	17.9	20.59	91.5	181.05
Mecosta	375.2	693.82	375.2	834.40

1976 CROPLAND ADJUSTMENT PROGRAM

HAYING AND GRAZING PRIVILEGE

	:	REGULAR AGREEMENTS	:	PUBLIC ACCESS AGREEMENTS	
	:	Payments :	:	Payments	
	:	Refunded :	:	Refunded	
County	:	Acres or :	:	Acres or	
	:	Released	:	Released	
	:	Withheld	:	Withheld	
Midland		33.9	\$ 47.80	33.9	\$ 101.70
Missaukee		16.0	23.20	16.0	32.00
Montcalm		73.8	254.45	73.8	162.00
Muskegon		30.0	95.52	17.8	39.80
Newaygo		89.3	183.49	75.8	189.50
Oakland		117.0	385.39	0	0
Oceana		63.3	168.65	63.3	188.40
Ontonagon		120.5	106.29	112.5	318.00
Osceola		36.7	49.91	36.7	91.75
Ottawa		52.5	211.36	34.5	86.25
Presque Isle		20.1	57.07	0	0
St. Clair		32.6	94.21	0	0
Schoolcraft		17.8	100.98	34.0	82.20
Shiawassee		35.4	133.46	0	0
Van Buren		241.0	603.00	0	0
Wexford		32.0	92.00	0	0
STATE TOTALS		4,843.9	\$15,364.91	3,208.4	\$6,681.44

### WATER BANK PROGRAM

On December 19, 1970, the Secretary of Agriculture announced the Water Bank Program. This program offered a ten-year agreement to landowners that had eligible wetlands types 3, 4, or 5 of two acres or more and at least eight acres of additional adjoining lands, which established ten acres as a minimum eligible for agreement.

These Water Bank agreements provided an annual payment of \$5 an acre for all of the wetlands and a minimum of \$10 an acre for all adjoining lands. The maximum payment for adjoining land was established by the State Committee, with the approval of the Secretary of Agriculture.

In Michigan, the Water Bank Program was initially started in Lapeer County in 1974. Since then, the program has been authorized in five additional counties; Kent, Jackson, Hillsdale, Shiawassee and Van Buren. The rates for adjoining lands have been increased to a maximum of \$45 an acre, depending on the intensity of the agricultural use of the land, soil type, and state of fertility as determined by the Soil Conservation Service, in consultation with the county committee.

Following is the status of the Water Bank Program, by county, thru 1977:

County	Number of Agreements In Effect	Total Acres	Designated Wetland Acres	Designated Adjacent Acres	Annual Payments
Hillsdale	20	795	283	512	\$ 10,511
Jackson	5	108	33	75	1,511
Kent	2	131	9	122	2,395
Lapeer	34	1,212	269	943	13,132
Shiawassee	3	57	7	50	704

## 1976-1977 FEED GRAIN AND WHEAT PROGRAMS

The basic provisions of the 1976-1977 Feed Grain and Wheat Programs were continued under the authorization provided in the Agricultural and Consumer Protection Act of 1973.

The Act initiated the target price approach for program crops with deficiency payments being made, as required, when the national weighted average market price is below the target price. Deficiency payments were made for the first time in 1977 for wheat and barley.

The 1973 Act continued authority in 1976 and 1977 for the cropland set-aside approach and acreage diversion for limiting production. However, the Secretary of Agriculture determined there would be no acreage kept out of production under a set-aside program and no restrictions placed on the acreage planted to wheat and feed grains in 1976 and 1977. This continued the same policy in effect in 1974 and 1975.

Crop loss protection was again provided in 1976 and 1977 to producers who, because of natural disasters, were prevented from planting any portion of their program acreage allotments or if, because of the same circumstances, the total quantity of wheat or feed grains harvested was less than a specified percent of the farm's acreage allotments.

The total amount of payments a producer could receive under a combination of the feed grain, wheat, and cotton programs was \$20,000. This limitation did not apply to crop loans and purchases provided for in the Act.

The following is a summary of the payments made in Michigan during the period the Agricultural and Consumer Protection Act was in effect:

	1974	1975	1976	1977	Total
<u>Prevented Planting</u>					
Farms	206	165	29	2	402
Payments	\$ 76,223	\$ 90,269	\$ 8,732	\$ 594	\$ 175,818
<u>Low Yield Claims</u>					
Farms	4,520	887	1,794	6,974	14,175
Payments	3,283,149	386,961	1,194,843	5,003,028	9,867,981
<u>Deficiency Payments</u>					
Farms	0	0	0	59,220	59,220
Payments	0	0	0	17,294,481	17,294,481
 TOTAL					
Farms	4,726	1,052	1,823	66,196	73,797
Payments	\$3,359,372	\$477,230	\$1,203,575	\$22,298,103	\$27,338,280



1976 FEED GRAIN AND WHEAT PROGRAMS  
DISASTER PAYMENTS  
PAID AS OF OCTOBER 6, 1977

County	:Prevented Planting:		Low Yield		: Total	
	: No. :		: No. :		: No. :	
	: Farms :	Payment	: Farms :	Payment	: Farms :	Payment
Alcona	3	\$ 539	3	\$ 1,659	6	\$ 2,198
Allegan	0	0	157	97,035	157	97,035
Alpena	0	0	25	9,533	25	9,533
Antrim	0	0	18	9,499	18	9,499
Arenac	0	0	19	11,933	19	11,933
Barry	0	0	22	16,114	22	16,114
Bay	0	0	5	1,655	5	1,655
Benzie	0	0	1	366	1	366
Berrien	0	0	63	29,218	63	29,218
Branch	0	0	35	11,290	35	11,290
Calhoun	0	0	23	10,757	23	10,757
Cass	0	0	41	17,438	41	17,438
Charlevoix	0	0	5	1,370	5	1,370
Cheboygan	0	0	5	1,279	5	1,279
Clare	0	0	17	11,754	17	11,754
Clinton	0	0	129	92,252	129	92,252
Eaton	0	0	16	10,845	16	10,845
Emmet	0	0	4	1,441	4	1,441
Genesee	0	0	15	31,122	15	31,122
Gladwin	0	0	7	3,943	7	3,943
Grand Traverse	0	0	3	874	3	874
Gratiot	1	402	68	56,131	69	56,534
Hillsdale	0	0	35	18,661	35	18,661
Huron	0	0	1	116	1	116
Ingham	0	0	74	73,753	74	73,753
Ionia	0	0	26	20,599	26	20,599
Iosco	0	0	4	1,428	4	1,428
Isabella	0	0	22	16,320	22	16,320
Jackson	0	0	13	13,680	13	13,680
Kalamazoo	0	0	29	15,443	29	15,443
Kalkaska	0	0	8	4,989	8	4,989
Kent	0	0	53	41,757	53	41,757
Lake	0	0	4	3,318	4	3,318
Lapeer	1	610	27	21,101	28	21,711
Leelanau	0	0	12	4,185	12	4,185

1976 FEED GRAIN AND WHEAT PROGRAMS  
DISASTER PAYMENTS  
PAID AS OF OCTOBER 6, 1977

County	: Prevented Planting:		Low Yield		: Total	
	: No. :		: No. :		: No. :	
	: Farms :	: Payment	: Farms :	: Payment	: Farms :	: Payment
Lenawee	0	\$ 0	72	\$ 62,804	72	\$ 62,804
Livingston	0	0	12	8,885	12	8,885
Macomb	8	2,670	3	1,926	11	4,596
Manistee	0	0	11	5,255	11	5,255
Mason	0	0	29	18,257	29	18,257
Mecosta	0	0	27	10,522	27	10,522
Menominee	0	0	10	2,306	10	2,306
Midland	0	0	4	1,624	4	1,624
Missaukee	1	461	12	4,892	13	5,353
Monroe	0	0	66	55,206	66	55,206
Montcalm	0	0	55	36,992	55	36,992
Montmorency	0	0	2	425	2	425
Muskegon	0	0	50	34,823	50	34,823
Newaygo	0	0	25	10,287	25	10,287
Oakland	1	144	12	5,192	13	5,336
Oceana	0	0	26	11,618	26	11,618
Ogemaw	1	207	6	6,045	7	6,252
Ontonagon	0	0	1	148	1	148
Osceola	0	0	15	7,229	15	7,229
Otsego	0	0	4	1,169	4	1,169
Ottawa	0	0	113	84,997	113	84,997
Presque Isle	0	0	2	365	2	365
Saginaw	0	0	18	23,385	18	23,385
St. Clair	12	3,402	24	15,882	35	19,284
St. Joseph	0	0	42	13,315	42	13,315
Sanilac	0	0	15	6,433	15	6,433
Shiawassee	0	0	69	57,082	69	57,082
Tuscola	0	0	1	253	1	253
Van Buren	1	297	34	15,009	34	15,306
Washtenaw	0	0	31	22,358	31	22,358
Wayne	0	0	10	6,340	10	6,340
Wexford	0	0	4	961	4	961
STATE TOTALS	29	\$ 8,732	1,794	\$1,194,843	1,821	\$1,203,576

1977 FEED GRAIN AND WHEAT PROGRAMS

DISASTER PAYMENTS

PAID AS OF OCTOBER 5, 1978

County	: Prevented Planting:		Low Yield		: Total	
	: No.	:	: No.	:	: No.	:
	: Farms	: Payment	: Farms	: Payment	: Farms	: Payment
Alcona	0	\$ 0	39	\$ 12,209	39	\$ 12,209
Alger	0	0	1	454	1	454
Allegan	0	0	44	21,729	44	21,729
Alpena	0	0	32	7,806	32	7,806
Antrim	0	0	30	19,062	30	19,062
Arenac	0	0	145	164,862	145	164,862
Baraga	0	0	2	655	2	655
Barry	0	0	9	6,417	9	6,417
Bay	0	0	40	17,433	40	17,433
Benzie	0	0	4	1,727	4	1,727
Berrien	0	0	90	57,966	90	57,966
Branch	0	0	91	38,082	91	38,082
Calhoun	0	0	47	33,132	47	33,132
Cass	0	0	136	61,473	136	61,473
Charlevoix	0	0	44	10,553	44	10,553
Cheboygan	0	0	22	11,010	22	11,010
Chippewa	0	0	12	7,864	12	7,864
Clare	0	0	125	122,014	125	122,014
Clinton	0	0	496	558,528	496	558,528
Crawford	0	0	2	715	2	715
Delta	0	0	7	1,918	7	1,918
Eaton	1	379	12	3,170	13	3,549
Emmet	0	0	25	10,364	25	10,364
Genesee	0	0	28	33,320	28	33,320
Gladwin	0	0	162	101,970	162	101,970
Gogebic	0	0	1	118	1	118
Grand Traverse	0	0	82	25,119	82	25,119
Gratiot	0	0	487	459,956	487	459,956
Hillsdale	0	0	52	30,728	52	30,728
Houghton	0	0	10	3,294	10	3,294
Huron	0	0	30	11,674	30	11,674
Ingham	0	0	41	17,209	41	17,209
Ionia	0	0	318	314,583	318	314,583
Iosco	0	0	76	31,478	76	31,478
Isabella	1	215	496	464,194	497	464,409

1977 FEED GRAIN AND WHEAT PROGRAMS  
DISASTER PAYMENTS  
PAID AS OF OCTOBER 5, 1978

County	: Prevented Planting:		Low Yield		: Total	
	: No.	:	: No.	:	: No.	:
	: Farms	: Payment	: Farms	: Payment	: Farms	: Payment
Jackson	0	\$ 0	25	\$ 6,562	25	\$ 6,562
Kalamazoo	0	0	75	49,323	75	49,323
Kalkaska	0	0	50	25,106	50	25,106
Kent	0	0	46	20,586	46	20,586
Lake	0	0	45	21,295	45	21,295
Lapeer	0	0	94	47,111	94	47,111
Leelanau	0	0	21	5,698	21	5,698
Lenawee	0	0	71	59,382	71	59,382
Livingston	0	0	3	488	3	488
Luce	0	0	4	2,512	4	2,512
Mackinac	0	0	2	4,418	2	4,418
Macomb	0	0	4	894	4	894
Manistee	0	0	97	39,549	97	39,549
Marquette	0	0	3	2,544	3	2,544
Mason	0	0	75	33,584	75	33,584
Mecosta	0	0	424	310,455	424	310,455
Menominee	0	0	5	1,556	5	1,556
Midland	0	0	70	28,303	70	28,303
Missaukee	0	0	258	155,618	258	155,618
Monroe	0	0	48	16,213	48	16,213
Montcalm	0	0	695	534,389	695	534,389
Montmorency	0	0	11	4,352	11	4,352
Muskegon	0	0	57	28,129	57	28,129
Newaygo	0	0	53	19,325	53	19,325
Oakland	0	0	20	12,198	20	12,198
Oceana	0	0	115	57,353	115	57,353
Ogemaw	0	0	125	65,807	125	65,807
Ontonagon	0	0	8	2,463	8	2,463
Osceola	0	0	192	103,564	192	103,564
Oscoda	0	0	1	132	1	132
Otsego	0	0	17	5,296	17	5,296
Ottawa	0	0	17	7,979	17	7,979
Presque Isle	0	0	26	5,403	26	5,403
Roscommon	0	0	5	1,755	5	1,755
Saginaw	0	0	169	139,193	169	139,193

1977 FEED GRAIN AND WHEAT PROGRAMS

DISASTER PAYMENTS

PAID AS OF OCTOBER 5, 1978

	: Prevented Planting:		Low Yield		: Total	
	: No.	:	: No.	:	: No.	:
County	: Farms	: Payment	: Farms	: Payment	: Farms	: Payment
St. Clair	0	\$ 0	11	\$ 3,123	11	\$ 3,123
St. Joseph	0	0	156	75,237	156	75,237
Sanilac	0	0	95	61,298	95	61,298
Schoolcraft	0	0	2	1,690	2	1,690
Shiawassee	0	0	120	121,725	120	121,725
Tuscola	0	0	43	23,250	43	23,250
Van Buren	0	0	151	140,071	151	140,071
Washtenaw	0	0	54	20,673	54	20,673
Wayne	0	0	20	5,917	20	5,917
Wexford	0	0	153	68,723	153	68,723
STATE TOTALS	2	\$ 594	6,974	\$5,003,028	6,976	\$5,003,622



1977 DEFICIENCY PAYMENTS

County	WHEAT		BARLEY		Total
	Number	Net Farm	Number	Net Farm	
	: Of Farms	: Payments	: Of Farms	: Payments	: Payments
Alcona	138	\$ 17,853	1	\$ 60	\$ 17,913
Alger	0	0	1	116	116
Allegan	1,442	277,622	0	0	277,622
Alpena	408	72,342	7	1,031	73,373
Antrim	53	3,584	0	0	3,584
Arenac	429	118,301	0	0	118,301
Baraga	1	25	2	80	105
Barry	1,069	302,412	4	916	303,328
Bay	1,358	437,041	1	223	437,264
Benzie	24	1,098	0	0	1,098
Berrien	1,183	232,738	7	356	233,094
Branch	1,689	363,469	0	0	363,469
Calhoun	1,630	482,244	3	256	482,500
Cass	894	237,836	8	3,766	241,602
Charlevoix	54	4,111	5	1,222	5,333
Cheboygan	46	2,728	4	169	2,897
Chippewa	25	1,821	2	289	2,110
Clare	231	38,044	1	154	38,198
Clinton	1,747	614,307	6	1,580	615,887
Delta	6	311	5	1,388	1,699
Eaton	2,166	627,742	1	226	627,968
Emmet	51	4,162	0	0	4,162
Genesee	1,112	322,558	0	0	322,558
Gladwin	324	50,785	1	268	51,053
Grand Traverse	180	17,683	1	79	17,762
Gratiot	2,202	732,341	0	0	732,341
Hillsdale	1,866	351,399	0	0	351,399
Houghton	2	123	3	552	675
Huron	2,880	1,353,087	13	2,785	1,355,872
Ingham	1,310	411,759	5	743	412,502
Ionia	1,464	533,421	7	1,065	534,486
Iosco	155	21,829	0	0	21,829
Isabella	1,131	272,759	3	195	272,954
Jackson	1,392	295,931	0	0	295,931
Kalamazoo	1,159	405,976	0	0	405,976
Kalkaska	31	2,702	0	0	2,702
Kent	971	186,487	1	214	186,701
Lake	67	5,593	0	0	5,593
Lapeer	1,259	308,043	0	0	308,043
Leelanau	36	2,743	0	0	2,743

1977 DEFICIENCY PAYMENTS

County	WHEAT		BARLEY		Total Payments
	Number	Net Farm	Number	Net Farm	
	: Of Farms	: Payments	: Of Farms	: Payments	
Lenawee	2,483	\$1,048,428	0	\$ 0	\$1,048,428
Livingston	769	189,052	1	294	189,346
Mackinac	7	516	0	0	516
Macomb	664	160,476	0	0	160,476
Manistee	75	4,149	0	0	4,149
Marquette	0	0	2	514	514
Mason	429	90,158	0	0	90,158
Mecosta	550	72,893	0	0	72,893
Menominee	24	910	6	774	1,684
Midland	651	178,537	0	0	178,537
Missaukee	245	23,913	0	0	23,913
Monroe	2,095	682,106	0	0	682,106
Montcalm	1,704	362,923	0	0	362,923
Montmorency	76	14,807	0	0	14,807
Muskegon	298	58,353	0	0	58,353
Newaygo	570	73,850	1	247	74,097
Oakland	404	94,563	0	0	94,563
Oceana	417	49,342	1	32	49,374
Ogemaw	275	28,821	0	0	28,821
Ontonagon	4	160	2	76	236
Osceola	339	36,901	0	0	36,901
Oscoda	20	1,644	0	0	1,644
Otsego	22	2,634	2	449	3,083
Ottawa	973	144,923	0	0	144,923
Presque Isle	198	20,486	6	770	21,256
Roscommon	1	121	0	0	121
Saginaw	1,974	974,049	2	429	974,478
St. Clair	1,387	313,409	5	567	313,976
St. Joseph	1,154	384,463	0	0	384,463
Sanilac	2,567	871,148	10	1,861	873,009
Schoolcraft	1	41	0	0	41
Shiawassee	1,668	640,908	0	0	640,908
Tuscola	2,202	1,012,419	55	26,114	1,038,533
Van Buren	647	122,835	6	557	123,392
Washtenaw	1,587	416,444	3	269	416,713
Wayne	239	42,555	0	0	42,555
Wexford	132	9,848	0	0	9,848
STATE TOTAL	59,036	\$17,243,795	194	\$ 50,686	\$17,294,481

## FARM STORAGE AND DRYING EQUIPMENT PROGRAMS

Farmers who have adequate on-farm storage and drying equipment facilities have greater crop handling and marketing flexibility at harvesttime. They can reduce field losses by harvesting when the crop is ready and they can stretch their marketing over a longer period of time, obtaining commodity loans to provide interim financing until the crop is sold.

This program provides financing to eligible producers to purchase and erect the needed storage, drying and handling equipment necessary in their farming operations.

From September 17, 1973 until April 1, 1977, the program required a down payment of 30 per cent. Equipment eligible for loan was limited to basic dry grain storage, drying and handling equipment. Foundations, concrete work, and electrical wiring were not eligible for loan. In addition, a producer could not borrow funds to build facilities which would store or handle more than one year's production of eligible commodities. The maximum amount of any loan, or outstanding balance of all loans to a producer, could not exceed \$25,000. Loans were to be repaid in four equal installments over a 5-year period.

Effective April 1, 1977, the program was changed to allow producers to borrow funds to provide storage or handling capacities for two years' production. The amount which could be loaned was increased to 85 percent of the total final cost of all eligible equipment, including foundations, concrete and electrical wiring. The maximum amount of any loan, or outstanding balance of all loans held by a producer, was increased to \$50,000. Interest rates were set at 7 percent per annum.

On July 25, 1977, the program was amended to include storage structures designed primarily for wet storage of grain, including oxygen-limiting or other silo-type structures and the necessary loading and unloading equipment, as eligible for loan.

Effective August 30, 1977, the loan terms were increased from four installments to seven installments, over an eight year period.

The following tables show loan activity for the calendar years 1976 and 1977.

FARM STORAGE FACILITY AND DRYING EQUIPMENT LOANS DISBURSED  
January 1, 1976 through December 31, 1976

County	FARM STORAGE AND DRYER LOANS		
	Number of Loans	Capacity (Bushels)	Amount
Allegan	10	50,900	\$ 58,333
Alpena	2	19,006	8,041
Antrim	1	7,500	3,115
Arenac	2	4,000	19,989
Barry	8	98,286	56,190
Bay	2		16,360
Berrien	19	118,826	114,798
Branch	19	156,079	132,512
Calhoun	6	23,158	35,494
Cass	23	89,299	110,537
Clinton	18	105,099	117,313
Eaton	1		8,708
Genesee	2		6,455
Gladwin	4	13,900	16,996
Grand Traverse	1	10,000	9,450
Gratiot	16	105,317	85,308
Hillsdale	26	311,536	217,565
Huron	11	72,009	66,517
Ingham	7	112,364	63,965
Ionia	7	38,492	37,085
Iosco	3	48,848	20,554
Isabella	2	20,824	30,000
Jackson	5	41,808	43,996
Kalamazoo	28	170,850	165,327
Kent	3	20,853	18,987
Lapeer	6	97,646	40,321
Lenawee	20	180,977	144,258
Macomb	2	29,787	11,437
Mason	1		829
Midland	2		14,320
Missaukee	1	13,773	5,726
Monroe	12	134,721	99,626
Montcalm	5	34,000	30,012
Newaygo	2	16,130	5,538
Oakland	3	48,010	18,213

FARM STORAGE FACILITY AND DRYING EQUIPMENT LOANS DISBURSED  
January 1, 1976 through December 31, 1976

County	: FARM STORAGE AND DRYER LOANS			
	: Number of	: Capacity	:	
	: Loans	: (Bushels)	: Amount	
Oceana	4	4,800	\$	9,456
Ottawa	1	47,610		29,688
Saginaw	3	28,000		13,546
St. Clair	4	13,584		20,586
St. Joseph	18	165,144		100,707
Sanilac	6	83,563		55,762
Shiawassee	6	31,200		30,667
Tuscola	18	177,273		115,265
Van Buren	9	35,967		55,515
Washtenaw	7	93,102		39,293
Wexford	2	3,200		7,398
STATE TOTALS	357	2,311,758	\$	2,877,441



FARM STORAGE FACILITY AND DRYING EQUIPMENT LOANS DISBURSED  
January 1, 1977 through December 31, 1977

County	FARM STORAGE AND DRYER LOANS		
	Number of	Capacity	
	Loans	(Bushels)	Amount
Alcona	1	7,863	\$ 3,850
Allegan	29	326,265	240,784
Alpena	9	42,950	34,904
Antrim	3	16,284	20,522
Arenac	6	68,600	49,158
Barry	16	155,731	143,964
Bay	9	79,301	82,165
Baraga	2	5,200	7,406
Berrien	28	222,137	252,758
Branch	39	386,542	324,936
Calhoun	26	203,577	193,700
Cass	46	431,300	337,215
Charlevoix	2		14,732
Chippewa	1	3,257	4,237
Clare	1	2,200	2,798
Clinton	19	172,943	114,122
Delta	1		5,642
Dickinson	1	220	7,721
Eaton	10	134,028	87,888
Genesee	14	216,831	115,286
Gladwin	5	51,790	33,335
Grand Traverse	2	2,084	1,754
Gratiot	27	182,965	143,182
Hillsdale	35	265,869	260,354
Huron	30	387,040	261,416
Ingham	19	251,440	211,634
Ionia	13	123,046	92,245
Iosco	3	1,684	2,336
Isabella	4	40,449	26,064
Jackson	25	153,656	182,447
Kalamazoo	38	308,318	256,249
Kent	16	198,097	142,743
Lapeer	23	227,184	185,110
Leelanau	2	517	18,182
Lenawee	49	659,968	449,672

FARM STORAGE FACILITY AND DRYING EQUIPMENT LOANS DISBURSED  
January 1, 1977 through December 31, 1977

County	FARM STORAGE AND DRYER LOANS		
	Number of Loans	Capacity (Bushels)	Amount
Livingston	4	54,000	\$ 51,470
Macomb	13	153,726	91,137
Manistee	1		40,104
Mason	6	34,401	30,188
Mecosta	2	14,250	9,423
Menominee	13	56,575	120,180
Midland	9	94,484	95,024
Missaukee	4	1,948	36,967
Monroe	14	189,349	114,005
Montcalm	11	84,920	84,501
Montmorency	2	6,000	4,838
Muskegon	8	24,328	69,844
Newaygo	7	24,840	81,336
Oceana	8	25,340	27,148
Osceola	2	27,120	47,414
Oscoda	1	17,570	14,900
Ottawa	8	92,965	84,612
Saginaw	8	82,500	70,101
St. Clair	19	189,327	159,684
St. Joseph	37	373,386	252,857
Sanilac	27	336,827	240,773
Schoolcraft	1	33,000	7,800
Shiawassee	19	145,745	113,631
Tuscola	31	281,632	281,714
Van Buren	32	275,425	231,500
Washtenaw	11	300,313	122,681
Wayne	1		5,695
Wexford	2	3,740	6,121
STATE TOTALS	855	8,253,047	\$6,806,159

## DISASTER ACTIVITIES

Natural disasters, such as flood, freeze, wind, and drought, can cause serious economic losses to those engaged in the production of food. Farming is a risky business, even without the effects of a natural disaster. Because of the losses caused by these disasters, various programs have been enacted by Congress to help offset the losses suffered by farmers.

The Agricultural Stabilization and Conservation Service administers the Emergency Conservation Measures program and the Livestock Feed Program. The Farmers Home Administration offers low interest loans to cover losses caused by disasters, and the Soil Conservation Service provides technical service to restore farmland to pre-disaster conditions.

These programs cannot be activated unless the local USDA Emergency Board, made up of representatives of the USDA agencies in the county, survey the damages suffered by farmers in the county and request a disaster designation from the State Emergency Board. This board is also made up of representatives of USDA agencies in the State.

If the State Emergency Board concurs with the County Board, it requests the Governor of the State to request a disaster designation from the Secretary of Agriculture. If the Secretary of Agriculture agrees, he may designate the counties involved as disaster areas, thus making farmers eligible for the disaster services offered by the U. S. Department of Agriculture.

In 1975 and 1976, several disasters occurred in Michigan. The following table lists the counties approved for disaster services and the dates and types of disaster:

<u>County</u>	<u>Dates</u>	<u>Types of Disaster</u>
Allegan	July 12, 1975	Hail Storm
Kent	August 21 to September 6, 1975	Excessive Rain
Lenawee	July 16, 1975	Hail Storm
Ottawa	June 17, 1975	Hail Storm
Washtenaw	August 30, 31 and September 1, 1975	Excessive Rain
Allegan	August 21 through September 6, 1975	Flood
Clare	"	"
Genesee	"	"
Gratiot	"	"
Ingham	"	"
Isabella	"	"
Mecosta	"	"
Midland	"	"
Montcalm	"	"
Muskegon	"	"
Newaygo	"	"

<u>County</u>	<u>Dates</u>	<u>Types of Disaster</u>
Oceana	August 21 through September 6, 1975	Flood
Osceola	"	"
Ottawa	"	"
Saginaw	"	"
Shiawassee	"	"
Bay	August 1 through September 15, 1975	Excessive Rainfall
Clinton	August 20 through September 15, 1975	" "
Eaton	"	" "
Grand Traverse	August 1 through August 20, 1975	" "
Kent	August 20 through September 15, 1975	" "
Leelanau	"	" "
Macomb	"	" "
Sanilac	"	" "
Washtenaw	"	" "
Allegan	March 2, 1976	Severe storms, icing, high winds, and flood-
Bay	"	ing
Clare	"	" "
Clinton	"	" "
Genesee	"	" "
Gladwin	"	" "
Gratiot	"	" "
Ionia	"	" "
Isabella	"	" "
Jackson	"	" "
Kent	"	" "
Lapeer	"	" "
Macomb	"	" "
Mecosta	"	" "
Midland	"	" "
Montcalm	"	" "
Muskegon	"	" "
Newaygo	"	" "
Oakland	"	" "
Oceana	"	" "
Osceola	"	" "
Ottawa	"	" "
Roscommon	"	" "
Saginaw	"	" "
St. Clair	"	" "
Sanilac	"	" "
Shiawassee	"	" "
Tuscola	"	" "
Wayne	"	" "

<u>County</u>	<u>Dates</u>	<u>Types of Disaster</u>
Barry	April 26 to 29, 1976	Frost and sub-freezing temp.
Allegan	April 9 to May 30, 1976	Subfreezing temp.
Cass	"	"
Kalamazoo	"	"
Manistee	"	"
Oceana	"	"
Van Buren	"	"
Berrien	"	"
Grand Traverse	"	"
Leelanau	"	"
Mason	"	"
Ottawa	"	"
Antrim	April 21 through May 15, 1976	Frost
Arenac	June 30 through July 2 and July 7, 1976	Excessive rain followed by hot weather
Houghton	April through July, 1976	Drought
Alger	June 1 through October 31, 1976	"
Baraga	May 1 through October 31, 1976	"
Gogebic	May 1 through September 30, 1976	"
Marquette	June 1 through October 31, 1976	"
"	September 2, 1976	Early frost
Chippewa	May 1 through September 30, 1976	Drought
Luce	"	"
Mackinac	"	"
Schoolcraft	"	"
Ontonagon	"	"
"	August 15 through September 1, 1976	Early frost
Menominee	July 1 through August 1, 1976	Drought
Delta	June 16 through August 2, 1976	"
Antrim	June 15 through September 17, 1976	"
"	August 29, 31 and September 1, 1976	Frost
Otsego	June 15 through September 23, 1976	Drought
"	August 29, 31, and September 1, 1976	Frost



<u>County</u>	<u>Dates</u>	<u>Types of Disaster</u>
Emmet	June 1 through August 31, 1976	Drought
"	August 31 and September 1, 1976	Frost
Charlevoix	June 1 through August 30, 1976	Drought
Cheboygan	June 1 through September 1, 1976	Drought
"	August 29 and September 1, 1976	Frost
Delta	May 20 through September 27, 1976	Drought
"	August 30, 1976	Frost
Menominee	June 15 through October 21, 1976	Drought
Grand Traverse	July 1 through September 10, 1976	Drought
"	September 1, 1976	Frost
Leelanau	June 20 through August 31, 1976	Drought
Kent	June 20 through August 31, 1976	Drought
Ottawa	May 30 through September 8, 1976	Drought

## 1975-76 LIVESTOCK FEED PROGRAM

The Livestock Feed Program was changed in 1975 to give county and State ASC Committees the authority to determine eligibility for the program.

Under LFP, Commodity Credit Corporation-owned feed grains are made available, at reduced prices, to producers who have their feed supplies materially reduced due to severe drought, flood, insect infestation or other natural disaster. In this way, LFP will help eligible farmers preserve and maintain foundation herds and other eligible livestock.

Producers filing applications for assistance under LFP are required to file a financial statement to enable the ASC committee to determine that the producers are unable to buy feed through normal trade channels without undue financial hardship.

The amount of feed a producer may purchase under the program may not exceed the amount of his loss.

Due to a severe drought during the summer of 1975, causing considerable loss of livestock feed, Baraga, Houghton and Menominee counties were certified as eligible under the LFP in November and December of 1975 and January of 1976. However, program operations did not begin until calendar 1976. The following is activity by each county through the termination date June 15, 1976:

County	No. Appli- cations Filed	No. Appli- cations Approved	Quantity Approved (Lbs.)	Quantity Sold (Lbs.)
Baraga	2	2	412,432	304,128
Houghton	15	8	433,278	323,970
Menominee	50	42	4,123,912	3,642,095
Totals	67	52	4,969,622	*4,270,193

\*The quantity sold does not equal the quantity approved because some of those approved had insufficient funds to buy the quantity for which they were approved based on needs and losses sustained.

## 1976 LIVESTOCK FEED PROGRAM

Provisions for the 1976 Livestock Feed Program were essentially the same as for the 1975 program.

The program provided that eligible producers could purchase Government-owned feed grains at the local county price support rate. The program could be approved by the State Committee provided certification of disaster conditions were obtained from the Governor.

Oats were the only feed grain owned by the Government and available for sale. The price support rate in Michigan counties ranged from 64 cents to 67 cents per bushel.

The following counties were approved by the State Committee because of livestock feed losses due to the drought:

Alpena	Emmet	Menominee	Ontonagon
*Antrim	Delta	*Missaukee	
Baraga	Houghton	Montmorency	

\*These counties were not approved by the State Committee because their request was received after termination of the program.

There was no activity under this program in any county because the program was terminated November 11, 1976, since the Government-owned stocks of oats was exhausted.

The Livestock Feed Program was authorized in 1954 by Congressional action amending the basic disposal authority for surplus farm commodities detailed in Section 407 of the Agricultural Act of 1949. It limits the grains available for this use to those owned or controlled by the Commodity Credit Corporation.

## 1976-77 FDAA EMERGENCY PROGRAM FOR LIVESTOCK

In December, 1976, Commodity Credit Corporation-owned stocks of feed grain (oats) were completely depleted which terminated the livestock feed program authorizing sales of CCC-owned grain at reduced prices in disaster areas.

In January, 1977, the Federal Disaster Assistance Administration and the U. S. Department of Agriculture formulated three programs for assistance to livestock owners in areas designated as disaster areas by the President.

These programs were:

- 1 Hay Transportation Assistance Program. This program provided to eligible producers payment for transportation of hay. Payment could be authorized up to 80 percent of the actual cost, not to exceed \$50 per ton. This program was not authorized in Michigan.
- 2 Cattle Transportation Assistance Program. This program provided to eligible producers payment for movement of cattle to available grazing areas. Payment could be authorized for up to two-thirds of the actual cost, not to exceed ICC rates, with a maximum of \$24 per head. This program was not authorized in Michigan.
- 3 Emergency Feed Program. This program provided assistance to eligible producers by payment of up to 50 percent of the cost of eligible livestock feed but not to exceed 2¢ per pound of feed grain equivalent purchased under the program approved. Eligible livestock included cattle (dairy and beef), sheep, goats, and hogs, but not chickens or horses.

Payment was based on the number of pounds of feed grain equivalent for hay, forage, silage or grain purchased under the program.

The maximum quantity eligible for payment was the smaller of the loss of production or the quantity determined by multiplying the number of animal units times the number of days in the feeding period times 10 pounds.

Counties to be approved required recommendation by the County and State USDA Emergency Boards, the Governor, the Secretary of Agriculture, and the Director of the Federal Disaster Assistance Administration.

This program terminated September 30, 1977 with the inception of the Emergency Livestock Feed Program authorized under Section 1105 of Title XI of the Food and Agriculture Act of 1977.

1976-77 FDAA EMERGENCY PROGRAM FOR LIVESTOCK

The following is a tabulation showing the counties designated by the President of the United States during 1977 as disaster areas for the FDAA Livestock Feed Program and the extent of activity through September 30, 1977:

County	Date Designated	Applications Paid	Pounds-Feed Assistance Paid	Dollars - Assistance Paid
Alger	3-2-77	18	498,429	\$ 9,838
Baraga	3-2-77	9	303,490	5,915
Chippewa	7-21-77	45	832,106	16,630
Clare	7-21-77	15	389,692	6,682
Delta	3-2-77	51	1,770,860	34,661
Dickinson	3-2-77	18	376,173	6,448
Emmet	7-21-77	1	2,100	42
Gogebic	3-2-77	8	87,059	1,742
Grand Traverse	7-29-77	1	38,790	682
Houghton	3-2-77	32	1,107,357	21,264
Iron	3-2-77	19	377,509	7,545
Isabella	7-21-77	14	422,163	8,354
Luce	3-2-77	6	336,961	6,826
Mackinac	3-2-77	20	874,670	19,470
Marquette	3-2-77	19	606,938	11,857
Menominee	3-2-77	115	3,861,460	77,229
Ontonagon	3-2-77	20	400,266	7,954
Schoolcraft	3-2-77	15	549,356	10,987
Totals		426	12,835,379	\$ 254,126



## PRICE SUPPORT PROGRAM

Price support is achieved through loans, purchases and payments for eligible commodities, all at announced levels. Legislation was designed to make some export commodities more competitive in world markets through market price support at or near world price levels.

For most commodities, loans are made directly to producers on the unprocessed commodity through ASCS county offices. Smaller amounts of grains are also purchased from producers.

Loans are available for periods of six to eight months following harvest. Depending on the commodity, loans generally mature the last day of the eleventh month after disbursement. Purchases from producers are made about eighteen months after harvest.

Price support loans to producers are "nonrecourse." With this type of loan, producers are not obligated to make good any decline in the market price of the commodity they have put up as collateral. If market prices rise above support prices, producers can pay off their loans and market their commodity. If market prices fail to rise above support prices, producers can deliver the commodity to CCC, with appropriate adjustments for quality and quantity, and discharge their obligation in full.

Support loans and purchases give farmers a ready means of promoting more orderly marketing, particularly in periods when bountiful harvest supplies threaten to push prices of farm commodities down to unfair levels.

Interest rates have varied over the years for commodity loans but more frequent changes have occurred in recent years since announcement of the policy of the Commodity Credit Corporation Board of Directors in September, 1974, to change the interest rate semiannually to adjust for cost of funds borrowed for CCC in their lending operation for commodity loans. This policy was changed April 1, 1977 so that the interest at the time the loan was made will be in effect for the entire loan period.

Interest rates since 1949, the year basic price support legislation was enacted, are as follows:

<u>Crop Year</u>	<u>Interest Rate</u>
1949-1951	3% per annum
1952-1963	3½% per annum
1964-1972	30¢ per \$100 per month
1973	5.5% per annum
1974 - 10-1-74	7.25% per annum
10-1-74 - 4-1-75	9.375% per annum
4-1-75 - 10-1-75	6.125% per annum
10-1-75 - 4-1-77	7.5% per annum
4-1-77 on 1977 crops	6.0% per annum
All 1978 crops	7.0% per annum

LOANS MADE BY COUNTY OFFICES

County	1975 CROP CORN			1976 CROP CORN		
	Number	Bushels	Amount	Number	Bushels	Amount
Allegan	42	372,119	\$ 413,051	60	502,393	\$ 758,613
Alpena	2	12,351	13,709	8	20,971	31,666
Arenac	3	12,485	13,733	10	66,458	99,687
Barry	8	46,969	51,336	17	96,777	145,172
Bay	8	174,229	189,910	18	247,307	368,487
Berrien	21	147,796	171,443	35	248,946	388,356
Branch	31	235,653	266,288	108	746,500	1,147,191
Calhoun	15	87,194	96,785	38	317,353	479,203
Cass	14	56,739	64,671	38	176,718	272,146
Clinton	3	21,660	23,826	10	59,852	89,778
Eaton	18	203,729	226,377	31	314,456	475,475
Genesee	7	65,853	73,097	10	62,093	93,760
Gladwin	4	19,215	20,954	13	37,547	55,945
Gratiot	8	17,816	19,241	27	205,733	304,485
Hillsdale	31	215,499	245,649	64	403,595	614,491
Huron	15	125,363	136,794	21	191,345	285,104
Ingham	26	315,753	350,486	47	498,413	752,610
Ionia	11	109,041	119,902	25	162,340	243,946
Iosco				3	20,564	30,846
Isabella	7	8,872	87,342	9	82,633	122,297
Jackson	16	113,250	126,840	23	212,301	322,698
Kalamazoo	29	258,899	289,967	42	395,794	600,707
Kent	3	38,000	41,420	6	20,435	30,448
Lapeer	5	62,997	69,927	14	72,384	110,082
Lenawee	44	471,124	541,864	71	692,986	1,074,436

LOANS MADE BY COUNTY OFFICES

County	1975 CROP CORN			1976 CROP CORN		
	Number	Bushels	Amount	Number	Bushels	Amount
Livingston			\$			\$
Macomb	5	25,905	29,014	3	3,493	5,309
Manistee	2	2,828	3,111	12	66,749	101,458
Mason	5	50,189	55,208	2	1,958	2,937
Mecosta	1	954	1,030	7	65,337	98,079
				3	9,135	13,519
Menominee	1	3,600	3,924			
Midland	2	27,810	30,035	1	6,660	9,923
Monroe	20	257,646	298,705	5	35,688	52,818
Montcalm	10	46,893	50,644	38	440,334	686,895
Montmorency				7	47,175	69,819
				1	1,000	1,510
Muskegon	2	4,574	5,031			
Oakland				1	3,002	4,503
Oceana	11	14,764	16,240	4	22,902	34,811
Ottawa	9	92,921	102,213	9	11,597	17,395
Saginaw	11	176,819	191,225	4	36,750	54,855
				16	267,994	396,632
St. Clair	4	34,278	38,049			
St. Joseph	50	324,702	366,911	8	51,928	78,411
Sanilac	11	118,840	129,536	87	568,783	870,238
Shiawassee	23	212,458	233,704	18	156,518	233,212
Tuscola	16	212,739	229,758	30	239,410	358,818
				43	540,946	800,601
Van Buren	16	282,056	318,615			
Washtenaw	1	21,600	24,408	33	505,082	772,609
Wayne	1	1,800	2,088	8	84,408	129,144
				4	14,419	22,205
TOTALS	572	5,177,982	\$5,784,061	1,092	9,037,162	\$13,713,330

LOANS MADE BY COUNTY OFFICES

County	1975 CROP WHEAT			1976 CROP WHEAT		
	Number	Bushels	Amount	Number	Bushels	Amount
Alcona	1	3,320	\$ 4,283	1	1,467	\$ 3,183
Allegan	4	13,671	18,866	5	24,393	45,584
Alpena				4	5,096	10,905
Arenac				4	8,118	17,697
Barry				17	23,899	53,516
Bay				4	6,870	15,251
Berrien				12	33,945	78,034
Branch	1	2,700	3,753	4	10,260	19,915
Calhoun	2	5,615	7,749	6	18,292	38,866
Cass				3	2,818	6,357
Clinton	1	380	513	9	21,336	47,579
Eaton	6	22,154	30,100	24	80,447	178,165
Genesee	4	6,327	8,668	8	19,660	44,179
Grand Traverse				2	6,136	13,314
Gratiot				4	5,675	12,655
Hillsdale	1	1,423	1,999	8	9,208	20,781
Huron	3	3,853	5,216	4	4,580	10,226
Ingham	3	10,901	14,934	24	105,822	213,760
Ionia	5	18,203	24,479	36	125,495	279,986
Iosco	1	3,500	4,550			
Isabella				4	14,985	30,094
Jackson				3	2,995	6,769
Kalamazoo	2	10,620	14,656	16	46,845	93,112
Kent				1	4,950	10,964
Lapeer	1	1,620	2,219	6	16,470	37,057

LOANS MADE BY COUNTY OFFICES

County	1975 CROP WHEAT			1976 CROP WHEAT		
	Number	Bushels	Amount	Number	Bushels	Amount
Lenawee	12	72,066	\$ 102,956	34	127,722	\$ 291,008
Livingston				8	11,318	25,489
Macomb	1	2,134	2,988	2	3,987	9,090
Mason	1	4,763	6,335	5	12,254	26,838
Mecosta				3	4,028	8,941
Midland						
Monroe	6	20,542	29,375	4	19,132	42,524
Montcalm				14	75,379	145,192
Montmorency				4	15,300	34,119
Muskegon	1	117	158	1	2,016	4,314
Oakland						
Oceana	1	90	120	1	1,870	2,861
Ottawa	1	2,340	3,159	1	2,858	6,316
Saginaw	4	22,365	30,640	1	3,060	4,529
St. Clair	1	4,500	6,300	14	50,235	105,105
				7	25,019	52,993
St. Joseph	3	8,432	11,720			
Sanilac				16	72,265	147,438
Shiawassee	11	48,822	66,769	8	27,471	58,792
Tuscola	1	5,495	7,528	39	99,911	219,637
Van Buren	1	900	1,242	17	74,220	166,913
				8	20,468	45,249
Washtenaw						
				2	5,400	12,312
TOTAL	79	296,853	\$ 411,275	398	1,253,675	\$ 2,697,609

LOANS MADE BY COUNTY OFFICES

County	1975 CROP OATS			1976 CROP OATS		
	Number	Bushels	Amount	Number	Bushels	Amount
Alpena	1	2,700	\$ 1,566			\$
Arenac	2	5,140	2,981	2	7,847	5,964
Barry				1	1,080	713
Berrien	1	294	176			
Calhoun				2	1,037	809
Cass	1	900	540			
Gladwin	1	666	386	2	1,132	894
Hillsdale	1	990	604	2	891	570
Huron	2	7,830	4,541	2	11,178	7,639
Ionia				1	1,770	1,150
Kalamazoo	1	4,207	2,524			
Kent	1	1,189	713	1	3,600	2,376
Lapeer	2	1,823	1,057	1	583	373
Lenawee	3	27,277	16,670	1	11,700	9,243
Livingston				1	1,501	1,156
Mason	1	4,243	2,546			
Midland	1	1,800	1,044	1	1,465	1,143
Oceana	1	90	54			
Saginaw	1	10,980	6,368			
Sanilac	2	3,979	2,308	1	11,025	8,379
Schoolcraft	1	5,544	3,271			
Shiawassee	1	10,107	5,862			
Tuscola	2	8,424	4,886			
TOTALS	26	98,183	\$ 58,097	18	54,809	\$ 40,409



LOANS MADE BY COUNTY OFFICES

County	1975 CROP SOYBEANS			1976 CROP SOYBEANS		
	Number	: Bushels	: Amount	Number	: Bushels	: Amount
Bay						
Soybean loans and purchase	2	1,072				\$ 2,616
agreements not available	1	905				2,253
for 1975 crop production.	7	7,729				19,168
Calhoun	1	884				2,175
Cass	3	1,587				3,952
Clinton	1	360				878
Genesee	1	600				1,464
Gratiot	1	630				1,537
Hillsdale	2	1,337				3,336
Ingham	4	10,566				25,887
Kalamazoo	2	5,195				12,779
Lenawee	5	39,690				98,828
Monroe	4	7,918				19,795
Saginaw	3	20,701				50,508
St. Joseph	1	1,147				2,845
Shiawassee	7	25,018				61,039
Van Buren	1	199				489
Washtenaw	1	720				1,778
TOTALS	47	126,258				\$ 311,327

LOANS MADE BY COUNTY OFFICES

		1975 CROP BARLEY				1976 CROP BARLEY						
County	:	Number	:	Bushels	:	Amount	:	Number	:	Bushels	:	Amount
Allegan												
Menominee		1		2,880		\$ 2,362		1		846		\$ 694
TOTALS		1		2,880		\$ 2,362		1		846		\$ 694

:		1975 CROP GRAIN SORGHUM			:			1976 CROP GRAIN SORGHUM				
County	:	Number	:	Bushels	:	Amount	:	Number	:	Bushels	:	Amount
Branch						\$		1		1,534		\$ 3,666
Cass		1		915		1,592		3		25,847		61,774
Van Buren		1		756		1,315						
TOTALS		2		1,671		\$ 2,907		4		27,381		\$ 65,440

		1975 CROP RYE			1976 CROP RYE							
County	:	Number	:	Bushels	:	Amount	:	Number	:	Bushels	:	Amount
Branch		1		90		\$ 78						
TOTALS		1		90		\$ 78						

1975 crop honey and 1976 crop honey loans not available. Purchase agreements available but none were executed.

## BEEKEEPER INDEMNITY PAYMENT PROGRAM

The Beekeeper Indemnity Payment Program was enacted by Congress to protect the bee industry in the United States. Beekeeping is an essential industry, required for proper pollination of fruit and vegetable crops. Without a strong bee population, many foods enjoyed by consumers would be unavailable. High losses of bees, as a result of increased use of pesticides by modern agriculture, endangered the beekeeping industry. The Beekeeper Indemnity Program provides assistance to keep it a viable industry.

The program pays an indemnity payment for losses to bees as a direct result of pesticides. Flat rate payments are made for verified losses as follows:

Colony Destroyed	\$ 22.50
Colony Severely Damaged	15.00
Colony Moderately Damaged	7.50
Queen Nucleus Destroyed	7.50

Before a payment is approved, the loss has to have been caused by use of a pesticide and such loss verified by an ASCS Bee Inspector. The beekeeper must show that:

- 1 His own pesticide application, if any, in no way contributed to his bee losses,
- 2 He took reasonable care to protect his bees if he had prior knowledge of pesticide use in the vicinity of his colonies.
- 3 He did all he could to reduce losses after the bees were exposed.

The following tables show indemnity payments made in Michigan for 1976 and 1977 losses.

# 1976 BEEKEEPER INDEMNITY PROGRAM

<u>County</u>	<u>No. Of Applications</u>	<u>Colonies Damaged</u>	<u>Indemnities Paid</u>
Allegan	1	61	\$ 900.00
Barry	1	2	22.50
Berrien	1	13	210.00
Cass	1	7	105.00
Cheboygan	1	39	292.50
Ingham	1	22	262.50
Isabella	1*	83	0
Kent	1	8	82.50
Lake	1	4	60.00
Lapeer	1	74	1,012.50
Mason	1	67	1,147.50
Montcalm	3	349	3,832.50
Oakland	1	50	727.50
Oceana	2	34	315.00
Ottawa	1	52	952.50
Sanilac	2	360	4,567.50
Washtenaw	1	5	37.50
TOTALS	21	1,230	\$14,527.50

\*Application not approved pending completion of investigation.

1977 BEEKEEPER INDEMNITY PROGRAM

<u>County</u>	<u>No. of Applications</u>	<u>Colonies Damaged</u>	<u>Indemnities Paid</u>
Allegan	1	182	\$2,482.50
Alpena	1	9	67.50
Benzie	2	160	1,597.50
Genesee	1	26	412.50
Ingham	1	2	30.00
Isabella	1	127	1,702.50
Jackson	1	8	67.50
Montcalm	2	107	1,475.00
Oakland	1	63	870.00
Oceana	4	84	803.00
Saginaw	1	5	67.50
Wayne	1	44	712.50
TOTALS	17	817	\$10,288.00

# WOOL PROGRAM

Under the National Wool Act of 1954, wool is recognized as an essential and strategic commodity not produced in sufficient quantity in the United States. It is the declared policy of Congress to encourage an annual domestic production of about 300 million pounds of shorn wool.

In order to accomplish the goal, the Secretary of Agriculture was directed to establish an incentive price for shorn wool at 72 cents per pound for the marketing years 1971 through 1976.

Payments to growers are made when the national average price received by all growers during the marketing year January 1 through December 31 is less than the support rate.

Payments are made for unshorn lambs (pulled wool) at a level in relationship to the support rate for shorn wool.

The National Wool Act was amended by the Food and Agriculture Act of 1977 and changed the support price formula. The support price for shorn wool for the 1977 marketing year was 99 cents per pound, and \$1.08 per pound for 1978. Support prices for 1979 - 1981 will be adjusted to reflect changes in the parity index and will be announced before the start of each year.

The following table reflects the incentive price level and payments made from 1967 thru 1977:

		:Incentive:	Average Price:	Rates of Payment		:
Marketing	: Price	:Received Per	: Shorn Wool	: Unshorn Lambs	: *Total	
Year	: Level	:Pound - Wool	: (Percent)	: (Per Cwt.)	: Payments	
1967	\$ .66	\$ .398	65.8	\$ 1.05	\$ 597,405	
1968	.67	.405	65.4	1.06	561,913	
1969	.69	.418	65.1	1.09	635,449	
1970	.72	.355	102.8	1.46	742,437	
1971	.72	.194	271.1	2.10	1,153,054	
1972	.72	.35	105.7	1.48	630,888	
1973	.72	.827	0	0	0	
1974	.72	.591	21.8	.52	97,189	
1975	.72	.447	61.1	1.09	217,720	
1976	.72	.657	9.6	.25	34,649	
1977	.99	.720	37.5	1.08	192,435	

\*Subject to promotion fund deduction.



# 1975 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS	LIVEWEIGHT OF UNSHORN	NET PAYMENTS TO PRODUCERS
	EARNING PAYMENTS			EARNING PAYMENTS		
Iosco	7	3,824	\$ 532.07	7	36,130	\$ 366.73
Isabella	5	1,873	291.86	5	17,865	181.32
Jackson	86	88,552	12,808.23	55	167,175	1,585.98
Kalamazoo	24	15,700	2,462.24	14	39,181	397.71
Kalkaska	2	247	31.98	1	1,300	13.20
Kent	32	11,411	1,563.00	23	54,167	549.78
Lake	4	1,325	191.11	3	7,665	77.80
Lapeer	39	14,257	2,065.91	17	36,740	372.94
Lenawee	85	56,892	8,075.03	52	125,625	1,271.28
Livingston	56	35,854	6,757.64	29	95,235	966.62
Luce	1	169	24.55	1	425	4.31
Mackinac	3	690	93.44	2	6,580	66.79
Macomb	24	6,513	952.75	6	8,235	83.57
Manistee	2	2,980	414.76	2	15,900	161.38
Mason	7	3,924	777.37	4	14,330	145.45
Mecosta	8	8,710	1,291.77	6	26,838	272.42
Menominee	3	469	55.28	1	1,470	14.92
Midland	3	915	141.16	3	5,595	56.79
Missaukee	9	4,079	585.29	6	25,549	259.32
Monroe	31	5,423	799.72	21	29,705	301.52
Montcalm	22	13,892	2,080.15	20	48,985	497.21
Montmorency	7	2,606	330.84	7	27,900	283.18
Muskegon	4	504	50.81	2	1,200	12.18
Newaygo	12	26,928	4,218.85	6	89,365	634.94
Oakland	20	4,520	973.00	4	8,440	85.66
Oceana	2	326	46.40	1	985	10.00
Ogemaw	17	13,137	1,981.15	19	80,665	818.76
Ontonagon	1	1,123	188.25	1	1,530	15.53
Osceola	18	9,805	1,535.52	14	47,135	478.39

1975 WOOL MARKETING YEAR

COUNTY	NUMBER OF : PRODUCERS :	POUNDS OF : WOOL SOLD :	NET PAYMENTS : TO PRODUCERS :	NUMBER OF : PRODUCERS :	LIVEWEIGHT : OF UNSHORN : LAMBS SOLD :	NET PAYMENTS : TO PRODUCERS
Alcona	20	7,391	\$ 1,038.38	23	62,070	\$ 630.05
Alger	1	90	39.89	1	2,704	27.44
Allegan	40	19,009	2,791.24	24	92,570	939.63
Alpena	10	2,355	317.15	7	18,095	183.67
Antrim	1	775	83.08	1	5,430	55.12
Arenac	3	715	134.19	2	4,245	43.09
Barry	75	31,651	4,582.16	59	223,767	1,479.86
Bay	1	215	16.48	0	0	0
Berrien	16	2,413	281.70	6	6,790	68.92
Branch	78	39,468	5,926.33	61	195,888	1,988.28
Calhoun	60	33,540	3,944.37	48	135,031	1,307.53
Cass	38	14,640	2,177.93	27	83,910	850.96
Charlevoix	2	4,412	665.17	2	52,309	530.93
Cheboygan	7	3,326	506.56	6	8,985	91.20
Chippewa	28	8,754	1,331.95	21	50,371	511.24
Clare	19	10,582	1,714.84	19	71,101	721.69
Clinton	78	38,083	5,164.11	73	246,370	2,500.66
Delta	1	160	21.67	1	72	.73
Dickinson	2	536	51.14	1	2,640	26.80
Eaton	76	42,800	5,798.86	59	176,531	1,791.76
Emmet	3	1,832	250.72	1	5,120	51.97
Genesee	25	9,499	1,496.32	20	52,058	528.39
Gladwin	31	14,181	2,198.50	25	72,865	739.58
Grand Traverse	1	232	30.54	1	990	10.05
Gratiot	23	8,845	1,380.94	28	60,095	555.90
Hillsdale	77	21,639	2,866.40	48	106,750	1,083.56
Houghton	4	767	77.74	1	755	7.66
Huron	19	3,203	437.81	11	10,879	109.71
Ingham	61	49,085	8,192.76	43	124,866	1,267.43
Ionia	46	16,713	2,168.54	39	131,935	1,339.13

1975 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Oscoda	6	2,151	\$ 283.33	5	24,035	\$ 243.96
Otsego	1	208	27.38	0	0	0
Ottawa	19	5,697	768.26	13	36,070	366.11
Presque Isle	1	251	33.05	2	3,120	31.68
Saginaw	12	3,174	432.77	5	11,435	116.05
St. Clair	33	10,495	1,489.63	17	39,487	270.45
St. Joseph	71	33,117	4,792.74	52	156,045	1,583.86
Sanilac	25	10,195	1,440.48	15	35,455	359.89
Shiawassee	39	17,092	2,779.37	26	104,175	1,057.38
Tuscola	18	8,240	1,156.26	13	32,383	327.08
Van Buren	15	4,828	643.76	4	4,110	41.72
Washtenaw	215	342,556	58,525.38	100	368,502	3,728.25
Wayne	4	1,197	304.94	3	3,160	32.07
Wexford	4	2,249	275.90	5	16,910	171.65

TOTALs 1,843 1,165,009 \$ 179,960.85 1,250 3,861,994 \$ 37,758.77

1976 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Alcona	16	6,082	\$ 200.44	14	44,621	\$ 78.10
Alger	1	695	30.71	1	1,779	3.12
Alleqan	35	17,203	590.94	22	83,199	148.69
Alpena	8	1,998	62.61	6	15,520	27.15
Antrim	1	323	9.72	1	3,130	5.48
Arenac	3	712	23.31	2	1,145	2.00
Baraga	0	0	0	1	90	.16
Barry	59	23,134	705.25	52	194,106	243.46
Bay	1	130	3.92	1	1,328	2.32
Benzie	1	460	11.65	0	0	0
Berrien	10	1,419	42.01	2	990	1.73
Branch	60	35,794	1,270.42	43	176,420	308.77
Calhoun	50	20,009	510.87	40	82,751	141.38
Cass	42	14,014	409.56	31	112,290	196.54
Charlevoix	2	4,393	167.12	2	56,995	94.96
Cheboygan	6	1,933	58.58	5	7,420	13.00
Chippewa	24	6,467	225.16	19	54,723	95.78
Clare	16	11,625	426.20	13	81,156	130.12
Clinton	73	35,124	1,091.79	66	231,630	376.48
Delta	1	185	8.19	1	995	1.74
Eaton	78	46,225	1,411.75	51	139,703	242.40
Emmet	1	297	9.80	1	6,695	11.72
Genesee	24	12,115	420.29	18	47,160	82.53
Gladwin	22	6,215	207.86	22	46,350	79.58
Grand Traverse	1	81	2.98	2	2,460	4.30
Gratiot	18	7,349	209.14	18	51,520	79.83
Hillsdale	70	19,498	577.70	46	109,700	187.03
Houghton	1	45	2.78	1	715	1.25
Huron	14	2,394	72.79	10	14,005	24.49
Ingham	68	32,180	1,058.08	37	109,222	191.17
Ionia	38	16,267	489.25	35	128,215	223.06

1976 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	NUMBER OF EARNING PAYMENTS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS EARNING PAYMENTS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Iosco	7		1,924	\$ 60.00	8	29,455	\$ 51.54
Iron	1		300	11.34	1	1,066	1.87
Isabella	17		7,388	240.77	14	27,992	49.02
Jackson	71		51,154	1,629.12	47	170,302	263.80
Kalamazoo	23		10,184	365.33	11	35,700	62.46
Kalkaska	1		211	7.62	1	1,415	2.48
Kent	23		6,460	157.15	18	50,741	88.86
Lake	5		1,796	54.00	3	4,255	7.44
Lapeer	31		12,995	400.32	15	39,357	68.88
Leelanau	1		167	4.22	0	0	0
Lenawee	86		41,613	1,486.43	56	102,153	175.50
Livingston	44		19,316	714.30	25	68,220	119.42
Luce	1		193	7.68	0	0	0
Mackinac	1		189	7.68	1	2,380	4.16
Macomb	19		5,963	184.22	6	12,625	22.08
Manistee	4		2,394	103.91	2	13,540	23.69
Marquette	1		139	5.52	1	580	1.01
Mason	7		6,797	275.63	4	6,525	11.42
Mecosta	8		4,672	178.30	6	14,220	24.89
Menominee	1		123	5.61	1	1,645	2.88
Midland	3		478	15.46	1	1,370	2.40
Missaukee	8		2,731	71.75	5	22,700	39.73
Monroe	26		7,119	235.38	17	20,895	36.58
Montcalm	19		7,697	263.85	12	35,475	62.09
Montmorency	5		2,146	55.86	5	29,265	51.21
Muskegon	2		172	4.01	2	3,230	5.65
Newaygo	11		17,660	569.07	5	29,048	50.83
Oakland	26		6,123	215.95	8	17,850	31.25
Oceana	3		1,652	57.37	2	3,960	6.94
Ogemaw	22		11,630	395.07	18	60,930	106.64
Ontonagon	1		1,068	34.74	1	2,331	4.08
Osceola	10		5,454	159.52	12	67,251	117.71
Oscoda	7		2,191	56.50	6	23,925	41.85

1976 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	NUMBER OF POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS EARNING PAYMENTS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Otsego	1	94	2.47	1	880	1.54
Ottawa	21	5,278	152.95	9	21,158	37.03
Presque Isle	2	342	8.98	2	3,275	5.74
Saginaw	16	4,656	143.81	9	17,820	31.18
St. Clair	27	5,011	155.78	13	17,009	29.30
St. Joseph	57	21,844	692.84	37	128,279	219.35
Sanilac	28	11,627	347.09	16	32,435	56.76
Shiawassee	36	12,685	400.43	27	111,160	194.54
Tuscola	17	7,348	245.13	11	29,243	39.47
Van Buren	15	3,333	106.33	5	4,890	8.19
Washtenaw	210	253,660	7,980.45	102	365,964	637.12
Wayne	4	771	21.43	2	887	1.55
Wexford	4	3,651	121.48	4	15,085	26.32
TOTALS	1,683	894,765	\$ 28,723.72	1,115	3,454,519	\$ 5,824.79



1977 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Alcona	14	5,532	\$ 1,236.57	13	37,942	\$ 381.30
Alger	2	473	121.87	2	5,221	52.46
Allegan	29	12,165	2,800.26	20	65,670	659.93
Alpena	6	1,524	326.83	6	21,865	219.73
Antrim	2	682	138.01	2	5,745	57.73
Arenac	1	146	33.40	1	1,340	13.46
Barry	54	20,541	4,506.74	41	152,935	1,067.18
Bay	1	194	45.83	1	430	4.32
Benzie	1	376	86.01	1	600	6.03
Berrien	7	1,309	294.76	2	605	6.08
Branch	38	27,452	5,683.39	31	138,031	1,352.73
Calhoun	46	15,588	3,628.58	39	97,269	974.15
Cass	33	10,717	2,510.71	26	93,740	942.07
Charlevoix	1	859	201.33	1	14,783	148.57
Cheboygan	6	1,727	378.03	6	9,015	90.60
Chippewa	12	3,635	831.70	9	30,533	306.84
Clare	10	10,487	2,601.83	11	105,859	1,017.45
Clinton	51	24,942	5,809.99	42	167,375	1,682.06
Delta	1	193	42.32	1	465	4.67
Eaton	54	33,168	7,785.32	49	163,825	1,600.90
Emmet	3	1,449	290.74	2	6,445	64.78
Genesee	15	7,216	1,747.87	12	21,925	220.34
Gladwin	17	4,648	1,053.62	12	45,825	449.56
Gratiot	16	4,239	986.87	16	92,595	579.33
Hillsdale	56	18,175	4,140.61	34	89,518	899.67
Houghton	3	540	127.15	0	0	0
Huron	13	2,366	510.78	7	6,245	62.17
Ingham	43	22,433	5,208.07	26	79,555	799.53
Ionia	18	7,091	1,508.84	22	49,119	486.25
Iosco	7	3,410	790.61	6	31,845	320.04
Iron	1	141	29.61	1	540	5.42

1977 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Isabella	10	2,420	\$ 563.78	8	20,645	\$ 207.48
Jackson	50	55,130	11,782.19	27	80,355	807.56
Kalamazoo	20	10,715	2,574.31	15	36,305	364.85
Kalkaska	1	162	23.56	1	1,860	18.69
Kent	15	4,264	932.17	13	37,532	377.20
Lake	3	516	115.62	2	2,725	27.38
Lapeer	22	9,059	2,075.15	12	32,665	328.29
Lenawee	70	44,891	10,503.88	44	71,258	720.53
Livingston	37	20,926	5,119.78	22	42,570	427.82
Luce	1	243	54.18	1	2,670	26.84
Macomb	18	4,316	995.49	8	15,795	158.75
Manistee	4	1,095	254.14	3	13,845	139.13
Marquette	1	163	34.23	1	705	7.08
Mason	5	4,712	1,106.10	5	20,003	201.02
Mecosta	6	3,372	777.31	3	11,130	111.85
Midland	3	648	147.42	1	2,185	21.96
Missaukee	9	4,062	968.41	6	23,600	237.17
Monroe	19	4,595	1,048.40	10	9,060	91.04
Montcalm	11	5,430	1,246.32	10	28,625	287.67
Montmorency	3	1,417	297.57	3	21,428	215.37
Muskegon	2	603	137.94	0	0	0
Newaygo	7	10,998	2,771.00	3	49,775	227.01
Oakland	11	2,524	585.83	5	12,550	126.11
Oceana	5	3,192	787.11	1	1,215	12.21
Ogemaw	19	7,616	1,756.69	21	91,130	915.83
Ontonagon	1	1,173	264.64	0	0	0
Osceola	13	6,061	1,431.19	10	62,528	628.40
Oscoda	6	2,041	429.90	5	28,945	290.90
Otsego	1	192	40.32	1	915	9.19
Ottawa	16	2,888	629.18	8	15,495	155.72

1977 WOOL MARKETING YEAR

COUNTY	NUMBER OF PRODUCERS	POUNDS OF WOOL SOLD	NET PAYMENTS TO PRODUCERS	NUMBER OF PRODUCERS EARNING PAYMENTS	LIVEWEIGHT OF UNSHORN LAMBS SOLD	NET PAYMENTS TO PRODUCERS
Presque Isle	3	468	\$ 98.28	1	1,455	\$ 14.62
Saginaw	10	2,265	521.52	5	16,220	163.02
St. Clair	30	5,647	1,296.41	11	14,188	142.58
St. Joseph	49	24,245	5,860.01	35	121,330	1,197.05
Sanilac	19	6,699	1,529.43	11	27,470	276.07
Shiawassee	37	11,817	2,817.83	29	102,375	1,028.36
Tuscola	15	7,450	1,721.03	13	35,030	352.04
Van Buren	6	1,196	272.19	1	1,330	13.36
Washtenaw	175	196,309	44,345.78	92	307,104	3,013.86
Wayne	5	912	217.94	5	2,236	18.85
Wexford	6	3,231	762.70	4	24,070	241.91
TOTALS	1,305	719,081	\$ 164,355.18	898	2,927,182	\$ 28,080.12

SUMMARY OF PROGRAM PAYMENTS AND LOANS DISBURSED

County	1976		1977	
	PROGRAM	LOANS	PROGRAM	LOANS
	PAYMENTS	DISBURSED	PAYMENTS	*DISBURSED
Alcona	\$ 37,609	\$ 3,183	\$ 100,663	\$ 3,850
Alger	10,246	0	56,635	0
Allegan	187,629	804,891	488,047	240,784
Alpena	45,408	42,571	178,272	34,904
Antrim	63,452	0	152,153	20,633
Arenac	52,415	123,348	388,307	49,158
Baraga	55,475	0	83,039	7,406
Barry	103,878	199,401	365,735	143,964
Bay	50,009	386,354	570,875	82,165
Benzie	27,751	0	70,860	0
Berrien	106,055	468,643	371,199	252,758
Branch	72,192	1,189,940	469,352	324,936
Calhoun	98,469	521,053	589,927	193,700
Cass	90,968	345,123	391,904	337,215
Charlevoix	36,492	0	96,753	14,732
Cheboygan	37,252	0	61,052	0
Chippewa	55,866	0	137,761	4,237
Clare	53,572	0	215,846	2,798
Clinton	170,829	138,235	1,477,288	114,122
Crawford	3,923	0	5,316	0
Delta	35,140	0	141,506	5,642
Dickinson	20,259	0	74,514	7,721
Eaton	117,080	653,640	743,891	87,888
Emmet	44,738	0	97,202	0
Genesee	77,898	139,403	378,322	115,286
Gladwin	34,048	56,515	194,949	33,335
Gogebic	9,558	0	22,065	0
Grand Traverse	65,411	13,314	236,958	1,754
Gratiot	202,742	318,677	1,334,175	143,182
Hillsdale	88,732	638,608	473,297	260,354
Houghton	64,566	0	134,900	0
Huron	99,356	302,969	1,458,837	261,416
Ingham	140,202	992,257	512,119	211,634
Ionia	131,491	525,082	939,011	92,245
Iosco	29,854	30,846	98,980	2,336
Iron	22,853	0	60,102	0
Isabella	130,847	152,391	1,071,445	26,064
Jackson	87,089	329,467	387,996	182,447
Kalamazoo	85,377	708,974	529,150	256,249
Kalkaska	71,977	0	100,986	0

SUMMARY OF PROGRAM PAYMENTS AND LOANS DISBURSED

County	1976		1977	
	PROGRAM	LOANS	PROGRAM	LOANS
	PAYMENTS	DISBURSED	PAYMENTS	*DISBURSED
Kent	\$ 187,281	\$ 41,412	\$ 432,334	\$ 142,743
Keweenaw	1,623	0	7,739	0
Lake	30,209	0	56,108	0
Lapeer	117,750	147,512	441,473	185,110
Leelanau	52,866	0	191,869	18,182
Lenawee	164,074	1,473,515	1,223,376	449,672
Livingston	65,815	31,954	232,583	51,470
Luce	6,393	0	25,639	0
Mackinac	23,867	0	51,782	0
Macomb	27,168	110,548	180,622	91,137
Manistee	66,170	2,937	195,989	40,104
Marquette	12,205	0	67,674	0
Mason	103,770	126,060	315,368	30,188
Mecosta	99,676	22,460	604,164	9,423
Menominee	68,272	9,923	227,692	120,180
Midland	39,733	95,342	265,163	95,024
Missaukee	52,006	0	394,862	36,967
Monroe	127,163	851,882	794,161	114,005
Montcalm	179,527	103,938	1,101,514	84,501
Montmorency	15,512	5,824	50,822	4,838
Muskegon	117,125	4,503	238,563	69,844
Newaygo	86,827	0	165,232	81,336
Oakland	41,026	37,672	126,214	0
Oceana	141,247	23,711	305,356	27,148
Ogemaw	33,124	0	153,612	0
Ontonagon	25,882	0	96,852	0
Osceola	74,225	0	242,929	47,414
Oscoda	16,401	0	20,352	14,900
Otsego	58,946	0	84,975	0
Ottawa	172,729	59,384	379,350	84,612
Presque Isle	39,257	0	102,953	0
Roscommon	5,561	0	11,470	0
Saginaw	138,731	560,624	1,137,097	70,101
St. Clair	89,806	131,404	376,045	159,684
St. Joseph	87,236	1,020,521	528,217	252,857
Sanilac	96,202	292,004	1,011,306	240,773
Schoolcraft	23,149	0	44,733	7,800
Shiawassee	156,993	639,494	907,538	113,631
Tuscola	90,131	967,514	1,090,458	281,714
Van Buren	96,563	818,347	337,964	231,500

SUMMARY OF PROGRAM PAYMENTS AND LOANS DISBURSED

County	1976				1977			
	PROGRAM		LOANS		PROGRAM		LOANS	
	PAYMENTS		DISBURSED		PAYMENTS		*DISBURSED	
Washtenaw	\$ 75,069		\$ 143,234		\$ 462,416		\$ 122,681	
Wayne	12,211		22,205		56,083		5,695	
Wexford	68,131		0		185,039		6,121	
STATE TOTALS	\$ 6,106,360		\$ 16,828,809		\$30,187,059		\$ 6,806,159	

\*These figures represent Farm Storage Facility Loans. 1977 Commodity Loans are not included because the program was open at the time this report was compiled.







